

19990528.qrp v01_n471.qrl.990528

Date: Fri, 28 May 1999 19:03:35 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1471

QRP-L Digest 1471

Topics covered in this issue include:

- 1) [41498] Re: DESERT RATT picking up FM???
by "Steven Weber" <kd1jv@moose.ncia.net>
- 2) [41499] Re: Have you had a problem with NorCal, Read this.
by w2bj@juno.com
- 3) [41500] Re: Have you had a problem with NorCal ??? -- NO !!!
by w2bj@juno.com
- 4) [41501] Re: another Father's Day gift
by jaywa5whn@juno.com
- 5) [41502] VE3DNL Marker/Generator FSQC kit
by Jay Bromley <w5jay@alltel.net>
- 6) [41503] Keys I use while portable
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 7) [41504] Re: DESERT RATT picking up FM???
by David Hinerman <wd8civ@worldnet.att.net>
- 8) [41505] Gap Titan Antennas short theory
by "rohre" <rohre@arlut.utexas.edu>
- 9) [41506] OHR 500
by "Steve and Anne Ray" <sbralr@worldnet.att.net>
- 10) [41507] OHR-500 Trade
by "Kelly Ellison" <kelman@dialnet.net>
- 11) [41508] Re: Have you had a problem with NorCal, Read this.
by "Francis Callahan" <colcal@srv.net>
- 12) [41509] inactive oldtimer!
by randy cornelison <randyc@tsixroads.com>
- 13) [41510] Re: Have you had a problem with NorCal, Read this.
by Elekktron1@aol.com
- 14) [41511] Have you had a problem with NorCal ??? -- NO !!!
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 15) [41512] The Last Rochester Hamfest?
by "W. K. Hibbert" <wb2vuo@juno.com>
- 16) [41513] Re: dk9sq mast
by gsurrency@juno.com
- 17) [41514] Re: K2 with LDG Tuner: theory and practice collide...
by gsurrency@juno.com
- 18) [41515] Re: Have you had a problem with NorCal, Read this.
by Clay N4AOX <wyn@worldnet.att.net>
- 19) [41516] Ebay- TenTec PM-3a QRP 40/20 rig

by RLucch2098@aol.com

20) [41517] Re: Member Numbers
by Tom Randall <trandall@idsi.net>

21) [41518] Re: WOW, any freq xtal osc
by "George Heron" <n2apb@erols.com>

22) [41519] Help- Bug problem
by "John Farler" <jfarler@mis.net>

23) [41520] FS: IC737A, FT530, PS, TNC etc.
by Niel Skousen <skousen@srv.net>

24) [41521] W8KC's Virtual Ten*Tec Museum
by "Paul R. Valko" <prvalko@oakland.edu>

25) [41522] PCB drill sizes ??
by "KA5T Larry Wise" <lewise@inetport.com>

26) [41523] Please help welcome G4WIF & G3MFJ !
by S LYON <sslyon@worldnet.att.net>

27) [41524] FIREBALL SCORING ...
by S LYON <sslyon@worldnet.att.net>

28) [41525] Re: Have you had a problem with NorCal ???
by "Rod Cerkoney" <rcw@frii.com>

29) [41526] Re: Have you had a problem with NorCal, Read this.
by "Steve Sorrell" <ap036@detroit.freenet.org>

30) [41527] HEY, I'M A NORCAL ZOMBIE ALSO !
by "Walter D. Amos" <waltk8cv@mpdr0.detroit.mi.ameritech.net>

31) [41528] Re: ARE You on the Missing QRPp Moved List?
by k5zty@juno.com

32) [41529] Re: PCB drill sizes ??
by "Paul Harden, NA5N" <na5n@rt66.com>

33) [41530] =?ISO-8859-1?Q?
RE:_Have_you_had_a_problem_with_NorCal=2C_Read_this.=A0?=
by "John Burnley" <burnley-ia@worldnet.att.net>

34) [41531] Re: Help- Bug problem
by David Hinerman <wd8civ@worldnet.att.net>

35) [41532] Re: WOW, any freq xtal osc
by "Steven Weber" <kd1jv@moose.ncia.net>

36) [41533] Re: PCB drill sizes ??
by "KA5T Larry Wise" <lewise@inetport.com>

37) [41534] Today's Solar Activity
by "Paul Harden, NA5N" <na5n@rt66.com>

38) [41535] PCB Drill Press
by Tim <drboom@bright.net>

39) [41536] Todays Solar: Correction
by "Paul Harden, NA5N" <na5n@rt66.com>

40) [41537] Re: ARRL Classics
by "Tony Fishpool" <g4wif@btinternet.com>

41) [41538] Re: Have you had a problem with NorCal, Read this.
by Norm Melick <henmel@worldnet.att.net>

42) [41539] Micron txvr
by iapizloj@biccc00.bi.ehu.es (Jon Iza)

- 43) [41540] Re: PCB Drill Press
by "Radman" <radman@best.com>
- 44) [41541] TS-50 low power hint
by iapizloj@bicc00.bi.ehu.es (Jon Iza)
- 45) [41542] Re: Have you had a problem with NorCal ??? -- NO !!!
by "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
- 46) [41543] being a ham and being human (long)
by sda <sda@bellsouth.net>
- 47) [41544] Band plan?
by Michael Maiorana <mikemo@ibm.net>
- 48) [41545] electronics stores..
by sergio <sruiz@bright.net>
- 49) [41546] RE: Help- Bug problem
by "Alex Mendelsohn" <ai2q@ispchannel.com>
- 50) [41547] Re: Today's Solar Activity
by David Hinerman <wd8civ@worldnet.att.net>
- 51) [41548] Re: Help- Bug problem
by John Farler <jfarler@mis.net>
- 52) [41549] Re: Help- Bug problem
by Michael Neverdosky <MichaelN@cycat.com>
- 53) [41550] Re: Keys
by bcutter@teal.csn.net (Bob Cutter)
- 54) [41551] European QRP'ers Please Listen for Me
by "David Bixler" <DBIXLER@hs.seneca.k12.mo.us>
- 55) [41552] Re: PCB Drill Press
by The Boices <boice@bigfoot.com>
- 56) [41553] Re: TS-50 on CW
by frussle@erols.com (Jake Brodsky)
- 57) [41554] Re: WPX
by The Boices <boice@bigfoot.com>
- 58) [41555] Re: Band plan?
by Dave Sjolin <sjolin@swbell.net>
- 59) [41556] Statistics
by Jim Ek <JIM-EK@worldnet.att.net>
- 60) [41557] Norcal/DX/K2/Alaska
by Tim Pettibone <tpettibo@NMSU.Edu>
- 61) [41558] RE: Statistics
by mike1@urbancom.net (Dinelli, Michael)
- 62) [41559] Re: ARRL Wire Classics
by Ron Stark <ku7y@dri.edu>
- 63) [41560] Desert Ratt
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 64) [41561] Short 40 meter antenna up and working
by WB9MII@aol.com
- 65) [41562] Re: Band plan?
by Norm Melick <henmel@worldnet.att.net>
- 66) [41563] Re: Have you had a problem with NorCal, Read this.
by Ron Stark <ku7y@dri.edu>

- 67) [41564] Winter 98 QPPp
by Roy <marion@montana.com>
- 68) [41565] Problems with NorCal
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 69) [41566] WPX Rules
by Brad Mugleston <bmug@gwl.com>
- 70) [41567] 6 More Returned QRPP's by Post Office
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 71) [41568] Re: Desert Ratt
by "Ed Manuel (N5EM)" <n5em@flash.net>
- 72) [41569] Thanks info on the FT-7, Norcal is FB
by tom whalen <wb5qyt@eFortress.com>
- 73) [41570] HamCom 2 Weeks from TODAY!!!
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 74) [41571] Bencher Mercury Paddles at Dayton???
- by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 75) [41572] Re Desert Ratt
by "Charles Hamel" <cdhamel@pdq.net>
- 76) [41573] Re: HamCom 2 Weeks from TODAY!!!
by Doc - W5TB <w5tb@softhome.net>
- 77) [41574] 2N2/40
by Brad Mugleston <bmug@gwl.com>
- 78) [41575] on the road
by Scott Howell <whowell@hq.nasa.gov>
- 79) [41576] Re:HamCom 2 Weeks from TODAY!!!
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 80) [41577] 2N22/40 Crystals
by Chuck Adams <adams@ticnet.com>
- 81) [41578] RE: WPX Rules
by Brad Mugleston <bmug@gwl.com>
- 82) [41579] Re: WPX
by The Boices <boice@bigfoot.com>
- 83) [41580] Re: WOW, any freq xtal osc
by Laura Halliday <lha@sdr.utias.utoronto.ca>
- 84) [41581] CA3058 vs CA3028 diff. amp.
by David Snowdon <norway@interlog.com>
- 85) [41582] Re: 2N22/40 Crystals [2N2/40/30]
by Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
- 86) [41583] Spring QRPP Issue
by "Frank Matthews" <fmathews@pilot.infi.net>
- 87) [41584] Re: Problems with NorCal
by "Jeffrey L. L. Greer" <wd4et@juno.com>
- 88) [41585] Re: CA3058 vs CA3028 diff. amp.
by "Steven Weber" <kd1jv@moose.ncia.net>
- 89) [41586] WPX - Free Multiplier!
by Jay Freeman <jayFreem@direcpc.com>
- 90) [41587] Re: being a ham and being human (long)
by K2UD@aol.com

- 91) [41588] SB from Quebec
by Jim Lyons <lyons@canada.com>
92) [41589] Let's try 14060 and 21060
by "Toru Kato" <jg1rvn@inv.co.jp>

Date: Thu, 27 May 1999 18:34:46 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: ghanson@uts.cc.utexas.edu
Cc: qrp-1@lehigh.edu
Subject: [41498] Re: DESERT RATT picking up FM???
Message-ID: <199905272318.TAA18983@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

> for reasons I don't understand I can hear a local FM station on 94.7 Mhz
> loud and clear. I thought it might be a simulcast on AM/FM, but I

I had this problem too, but with using the NE602 as a mixer/ osc in
the super het regen.

The LM386 will pick up local AM stations, but not the FM.

What's happening is the regen detector has VHF spurious
oscillations. In my case it was the NE602 osc making spurs. Probably
because of the relatively long lead going to the tuning cap.

I put a couple of ferrite beads on the coupling cap to the tuning cap
and the problem went away. Probably a bead on the collector of the
regen transistor and maybe one on the RF preamp will do the trick.

I have a 1 KW AM station on 1230 and a 5 kW FM station on 107.3 about
1 1/2 miles away on a hill over looking me. They cause me no end of
grief.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 27 May 1999 19:22:34 EDT
From: w2bj@juno.com
To: ki6ds@dpol.k12.ca.us
Cc: qrp-1@Lehigh.EDU

Subject: [41499] Re: Have you had a problem with NorCal, Read this.
Message-ID: <19990527.172717.7959.1.w2bj@juno.com>

Hi Doug,
I, for one, am saddened that you and Jim get such negative responses about the wonderful volunteer work you do for all of us. I have never had a problem with NorCal. I just want to thank you and express my appreciation.
THANK YOU!
72,
Barry, W2BJ

HERE IS A MESSAGE FOR THOSE WHO ARE COMPLAINING. MY EXPERIENCE TELLS ME THAT THOSE WHO COMPLAIN ARE THOSE WHO DO NOTHING. I THINK DOUG AND JIM DO A GREAT JOB FOR WHICH THEY RECEIVE NOTHING BUT PERSONAL SATISFACTION. IF YOU ARE NOT SATISFIED WITH WHAT THEY DO, VOLUNTEER TO DO IT OR TO HELP THEM DO IT. THEY PROBABLY COULD USE THE HELP.

On Thu, 27 May 1999 12:24:59 -0700 ki6ds@dpol.k12.ca.us (Hendricks, Doug) writes:

>Guys, this morning I have received two very disturbing emails. Both
>from
>unhappy people with dealings with NorCal. 72, Doug, KI6DS

Date: Thu, 27 May 1999 19:22:34 EDT
From: w2bj@juno.com
To: HWRM1SS@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [41500] Re: Have you had a problem with NorCal ??? -- NO !!!
Message-ID: <19990527.172717.7959.0.w2bj@juno.com>

I agree 100%.
72,
Barry, W2BJ
On Thu, 27 May 1999 15:28:12 EDT HWRM1SS@aol.com writes:
>Doug et al,
>
>If everyone (individuals AND organizations -- private and public)
>conducted
>business like NorCal the world would be a better place to live !!!
>
>Keep up the good work Doug et al, -- please understand that your
>(plural)
>efforts ARE APPRECIATED !!!

>
>Tnx es 72,
>
>Howard K3HW

Date: Thu, 27 May 1999 17:23:19 -0600
From: jaywa5whn@juno.com
To: qrp-1@lehigh.edu
Subject: [41501] Re: another Father's Day gift
Message-ID: <19990527.172320.-455639.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you plan on attending the Arizona Hamfest in July, AA7MH Shep usually has a few UNIMOG "Radio Trucks" at Fort Tuthill. Plan on attending the QRP seminars, snoop around the hamfest then load all of your goodies into a UNIMOG "Radio Truck" and drive it home. FYI, exit 337 on I-17 is three miles south of Flagstaff, AZ and it is both the Airport exit {east} and the Fort Tuthill Hamfest {west}.

<http://www.umog.com/>

<http://www.extremezone.com/~ki7mn/>

I don't have any financial interest in the AA7MH enterprise. I do not own a UNIMOG.

I hope to see some of you @ Fort Tuthill in July.

72...Jay, WA5WHN DM65pp Ponderosa, NM USA

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 27 May 1999 18:37:33 -0500
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41502] VE3DNL Marker/Generator FSQC kit
Message-ID: <374DD73D.59DA68B0@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

The first twenty kits went out today. There is a small typo on the manual sheet for the chip number. No big deal, but for you nitpicks the number on the chip and the chip number on the parts list on the back is correct. We will update the sheet for the ones going out later. Also pay close attention on installing the chip and do what Chuck instructs, point the notch towards the .1uf cap. The silk screening didn't have a notch for the chip so I dotted the board with a black marker to clear up any confusion on how to orientate the chip's notch. This is mainly for the newbies, you old time kit builders will have no problem building this kit in ten or fifteen minutes. It takes longer for my soldering iron to warm up than to build this kit. You guys are the greatest and thanks for the personal notes of encouragement. They are very much appreciated. Let me know how you make out and if you have any problems just give me a shout.

This is a simple kit with only eight parts and kitting this is easy, right? I can't imagine kitting something like a NC-20. After doing this kit my respect level for people like Doug Hendricks, Paul Harden, Chuck Adams, and Jim Cates has gone off the chart (like it wasn't already). The ultimate compliment was made to me as being a NorCal Jr.. I could only wish!!!

Cu in BIG D.
73 de w5jay..

Date: Thu, 27 May 1999 19:42:06 -0400
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [41503] Keys I use while portable
Message-ID: <199905272343.TAA47544@pimout3-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi Ken and gang,

Posting to the group at large in case someone may be intereted.

When portable in the field I use the Envirotronic 501G iambic paddle.
Chuck K5FO had the JPG listed once upon a time, not sure if it's on the
current page.

They are made by a gent in St. Paul, MN. I believe he had three models
availalble. This I think is the middle model. Very compact and nice feel,
won't dance across the table and you won't have to hold them.

I also take out my industrial strength Kent iambic paddles when contesting
in the great outdoors from time to time. Won't take out the WBL design
paddles!

GL

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Thu, 27 May 1999 19:44:02 -0400
From: David Hinerman <wd8civ@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [41504] Re: DESERT RATT picking up FM???
Message-ID: <3.0.6.32.19990527194402.007974a0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:42 PM 5/27/99 -0500, you wrote:

>I added the coil between C1 and C2 to keep out the broadcast band, but
>for reasons I don't understand I can hear a local FM station on 94.7 Mhz
>loud and clear. I thought it might be a simulcast on AM/FM, but I
>listened and checked and they never mentioned a simulcast nor did they
>ever give a call sign for the AM station.

>

>So, how is it I'm picking up an FM signal. I do have my audio IC
>[LM380N-8] chip on a separate board with fairly long leads, about 3
>inches going from one board to the other. Think it's my audio leads
>picking it up and demodulating the signal via sloppy solder joint?
>Doesn't seem possible, but I sure do hear it well.

Doesn't have to be a bad solder joint to demodulate FM - any old low-Q

tuned circuit will do. It's called "slope demodulation" because as the frequency sweeps up and down the skirts of a tuned circuit, the amplitude varies with the slope of the passband.

When I was about 1/4 the age I am now, I used to sneak out of bed to listen to Dad's old Trans-Oceanic SW receiver in the dark. I found I could hear what Mom & Dad were watching on TV somewhere around 4 MHz. I figured out later that I was picking up the TV sound IF and slope demodulating it.

Is it possible somebody near to you is listening to an FM radio tuned to that station?

As for what to do - I guess plenty of bypass caps, short ground leads, a metal case, the usual things to keep the good stuff in and the bad stuff out.

Dave Hinerman - WD8CIV

Date: 27 May 1999 19:15:31 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@lehigh.edu
Subject: [41505] Gap Titan Antennas short theory
Message-ID: <n1284289923.97858@msmailgw1.arlut.utexas.edu>

Gang,
As a Titan owner who really dug into its design background, and visited with the author of its design, I can tell you that each and every part is essential to its overall proper operation.

To remove the "counterpoise" would be to remove all resonance on 40 Meters and would undoubtedly detune other bands. Normally only adjusting the length of the 33 foot wire on the circumference of the counterpoise is all you do to "tune" a Titan. There was one linear decoupler with an adjustable segment, but my instruction sheet listed it as factory set.

The Titan is a vertical dipole that is made into an 80M to 10 M antenna by a couple of clever basics of antenna practice. One is to get resonance on 80M from a 25 foot dipole, they connect a cap loaded stub of coax across the center dipole feed point. The coax stub is about an electrical wave fraction with its cap, to match 80M at 50 ohms. Next, to get 40M from this short dipole they add an end element which we called a counterpoise, but is really an extension of 33 feet coiled into a circle. That's right, if you trace its circuit out, it joins the lower end of the dipole, and is electrically isolated from the radial rods that support it until you get back to the rod that electrically joins it to the lower end of the dipole. It is insulated

from shorting to itself by the nylon line that you adjust to rubber your 40M SWR dip. The dipole sits on a double insulated plate to keep it isolated from your bottom mast. (You provide the support mast for elevated mounting.)

The linear decoupler rods are stubs of transmission line in action, and decouple parts of the 25 foot dipole for resonating in each band, 30, 20, etc. up to 10M. Not a lossy trap in sight, and a neat antenna! Mine only shows a single upper mast end above the roof line, as it sits 6 feet off the back yard surface. Got my card from Easter Island operation in 95 today, thanks to a slow buro (burro?) envelope, and that was done with the Gap in the pile ups at close of that DXpedition.

The poster has been advised by me to put up a mast high enough to clear the slope of the roof, with the Titan wire portion. I like to call it an upside down capacity hat, but calling it a counterpoise is easier for most hams to understand its action.

I "suspect" you could deform the rods to have the plane of the wheel slanted rather than parallel to the earth level, and it might still work on all bands without tweaking, but I would have to ask the Gap guys at Ham Com. You could thus, make the wheel clear the slope of a gable roof, by almost paralleling the slope.

GL, Stuart K5KVH

Date: Thu, 27 May 1999 20:21:31 -0400
From: "Steve and Anne Ray" <sbralr@worldnet.att.net>
To: "QRP Group" <qrp-1@lehigh.edu>
Subject: [41506] OHR 500
Message-ID: <000b01bea8a0\$0a1a92e0\$ca174d0c@steve>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Any reviews or personal comments on the OHR-500 rig. I am looking at it for a present for myself on Father's Day. Also very interested in the how stable the vfo is.

Please respond to my Email address. k4jpn@arrl.net

72,

Steve Ray K4JPN ex K1VKW HW-101, HW-8, SWL 30-40,
Pixie II, NC 38S, OHR 100A 30 M and Heath Kit fan
Warner Robins, Georgia

Date: Thu, 27 May 1999 18:16:02 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [41507] OHR-500 Trade
Message-ID: <199905272318.SAA29680@dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy,

Please forgive me for the frequent Horse-trading posts...

I have a well built, Oak Hills - OHR-500 15, 20, 30, 40 and 80 meter CW QRP rig with the DD-1 readout. The output is over 5 watts on 80,40, 30,and 20 and 3 watts on 15. It has a switchable AF filter and RF power control on the front panel. Also, have the versatile DD-1 readout that can be used with other radios. Would like to trade for smaller radio... A Sierra, Argonaut 515, or a Loaded Analog Argosy. Any other QRP related items of equal value would be entertained. For more information about the OHR-500 please contact me direct at kelman@dialnet.net

Thank you,

Kelly Ellison - WB0WQS

Date: Thu, 27 May 1999 18:28:55 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <ki6ds@dpol.k12.ca.us>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [41508] Re: Have you had a problem with NorCal, Read this.
Message-ID: <199905280036.SAA09304@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tell the jerks to hit the road and refund thier money and publish thier names and call signs so everyone will know who the jerks are Keep up the good work it is appreciated by the people in QRP 72 Cal KF7ET

> From: Hendricks, Doug <ki6ds@dpol.k12.ca.us>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Have you had a problem with NorCal, Read this.
> Date: Thursday, May 27, 1999 12:24 PM
>
> Guys, this morning I have received two very disturbing emails. Both from
> unhappy people with dealings with NorCal. The first was from a man who
> did
> not get his fall issue of QRPp when the rest of you did, and we sent him
> an
> issue late, but he did get it. Then he did not get the winter 98 issue
> that
> was mailed 3 weeks or so ago. He emailed me and asked if he was on the
> mailing list. I checked, and yes he was. I checked with Paul, he had a
> mailing label (Paul makes copies of the labels just for this reason) and
> a
> copy was mailed to him. He didn't get it. He sends me email complaining
> that he didn't get it, and I say that when I get the extras, I will send
> him
> one. The extras have still not arrived here, so I can't send anyone one
> until I get an extra to mail. I can't send what I don't have. This
morning
> he rips me with an email, says how it doesn't do any good to subscribe
when
> he never gets the issues. That is not true. He has received 3 of the 4
> issues that he paid for (one was late, but he did get it) and he will get
> a
> winter 98 issue as soon as I get them to mail to him. That was email
number
> 1.
>
> Now for email number 2. A guy subscribed sometime in Feb., and asked to
me
> to check to see if he made the cutoff. I promised to do it last night
when
> I got home. I got home from work last night at 6 PM. walked in the door
> and the phone rang, and I was on the phone continuously from 6 PM until
> midnight. Literally, everytime I would finish a call, the phone would
ring.
> Finally at midnight I took the phone off the hook. I went to bed,
> exhausted. I did not look up the guys information. This morning he
emails

> me and asks me about his situation. I explain that I didn't have time to
> look up his info, and would do it tonight. He sends me an email telling
me
> that he is upset, that NorCal is getting a reputation for taking people's
> money and running etc. etc. Very unhappy.
>
> You guys get the picture. Now for the point of this message. Jim Cates
nor
> I have ever taken a penny of anyone's money and run with it. WE MAKE
GOOD
> on every thing that we deal with. We make mistakes but we make them
right
> when we find out about it. But we have to know about it before we can
> correct it, and it takes time to get it done. We have to wait for other
> people to do things sometimes. But we will make good on everything.
> Please, please, if you have ordered something from NorCal and have not
> received it let us know and we will make it right. Anything. If you
missed
> an issue of QRPP, and we have it, we will get it to you, if we don't have
> it, we will extend your subscription another issue. If you have
subscribed
> and never gotten anything, let us know. Please, we want to make it
right.
> We make mistakes, but they are not intentional.
>
> By the way, I have several issues of the Winter QRPP that have been
returned
> because of no forwarding address. I am going to skip lunch and go home
and
> get them now so that I can post those names and if you are one of those,
> please send me your new address so I can send it to you.
>
> I apologize to the list for the bandwidth, and I apologize to Chuck for
the
> diatribe, but I don't want anyone to not get what they paid for from
NorCal,
> nor does Jim. 72, Doug, KI6DS
>

Date: Thu, 27 May 1999 19:42:19 -0500
From: randy cornelison <randyc@tsixroads.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41509] inactive oldtimer!
Message-ID: <374DE66B.953370F9@tsixroads.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am new to the qrp list, and find it really nice reading. Would someone please give some suggestions on a 80-10, 2-5 wt cw rig, prefer readybuilt. Have never built a kit but might tackle it. Whats being used by the masses in qrp land??
Thanks Randy K5UF in N.E. Ms.

Date: Thu, 27 May 1999 21:09:49 EDT
From: Elekktron1@aol.com
To: marion@montana.com, qrp-1@lehigh.edu
Subject: [41510] Re: Have you had a problem with NorCal, Read this.
Message-ID: <8fc431d7.247f46dd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

<<I will priority mail it to them, no charge>>

Roy, this sort of sensible thinking and acting probably prevented much misunderstanding and dozens of controversial e-mails. You're just no fun at all...de KK5WL...

Date: Thu, 27 May 1999 21:33:16 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [41511] Have you had a problem with NorCal ??? -- NO !!!
Message-ID: <374DF25C.A88C5444@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim and Doug have done more for this hobby than all but a handfull of other folks. I've had the occasional missed issue and they have always fixed things. Folks need to remember that just about everything that makes QRP the great hobby it is has to do with folks VOLUNTEERING THEIR PERSONAL TIME. Time that could just as well be spent in a more selfish pursuit of the hobby just making contacts and not contributions. Yeah I know I'm a NORCAL ZOMBIE and I've got the number to prove it. But I would also say to anyone who has complaints about NorCal, QRPARCI, GQRP,

et al. If you think you can do a better job, go for it! Heck, I'll even subscribe to YOUR magazine and give it the same support I give everyone else. Why??? Because we're all this together folks!!!

72 de SKIP N2EI

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Thu, 27 May 1999 21:34:08 -0400

From: "W. K. Hibbert" <wb2vuo@juno.com>

To: qrp-1@lehigh.edu

Subject: [41512] The Last Rochester Hamfest?

Message-ID: <19990527.213409.-165665.1.wb2vuo@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

According to a news article I heard today, the Dome Center, home of the Rochester Hamfest since the 70's, has been sold, and is being torn down for an office park.

There are very few suitable places in the Rochester, NY area for an affair the size of the Rochester Hamfest, so if the report is true this may be the LAST Rochester Hamfest!

I hope that a new site can be found. In the 33 years I have been licensed, I have only missed 3 Rochester Hamfests, all due to overseas deployments during my Navy days.

With the total counts down for most 'Fests out my way, maybe its just a sign of the times...

72/73, Keith, WB2VU0, 100% QRP from the Depths of the Great Bergen Swamp
"My night light runs more power than my Rig!!!"

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 27 May 1999 12:51:18 -0700
From: gsurrency@juno.com
To: n4bp@bc.seflin.org
Cc: qrp-l@Lehigh.EDU
Subject: [41513] Re: dk9sq mast
Message-ID: <19990527.183326.-125227.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Would some stainless worm-type hose clamps hold enough?

72,

Gary Surrency AB7MY Chandler, AZ (near Phoenix)
(currently in Englewood, Fla)

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 27 May 1999 13:16:16 -0700
From: gsurrency@juno.com
To: n6kr@elecraft.com
Cc: qrp-l@Lehigh.EDU
Subject: [41514] Re: K2 with LDG Tuner: theory and practice collide...
Message-ID: <19990527.183326.-125227.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hook up an antenna analyzer such as the MFJ-259B or similar at the input (TX side) of the LDG tuner and see what the actual R and X values are. Adjust the tuner manually for the best match. I have both the QRP and QRO versions of the LDG tuners, and they work very well. However, as with all RF devices, sometimes you will encounter a particular combination that gives you trouble. Try different lengths of feedlines or interconnecting cables and see if that helps. Also, look out for grounding problems or RF

paths in the power supply leads of the tuner and K2.

RF stuff is interesting because it is sometimes unpredictable. ;-)

72,

Gary Surrency AB7MY Chandler, AZ (near Phoenix)
(currently in Englewood, Fla)

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 27 May 1999 21:46:03 -0400
From: Clay N4AOX <wyn@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [41515] Re: Have you had a problem with NorCal, Read this.
Message-ID: <374DF55B.4C77@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hmmm, it sound like the Zombies they restless tonight! Not full moon
yet! (0) (0)

^
\\=/

w2bj@juno.com wrote:

>
>
> On Thu, 27 May 1999 12:24:59 -0700 ki6ds@dpol.k12.ca.us (Hendricks, Doug)
> writes:
> >Guys, this morning I have received two very disturbing emails. Both
> >from
> >unhappy people with dealings with NorCal. 72, Doug, KI6DS

Date: Thu, 27 May 1999 21:49:47 EDT
From: RLucch2098@aol.com
To: qrp-l@lehigh.edu
Subject: [41516] Ebay- TenTec PM-3a QRP 40/20 rig
Message-ID: <67dec26a.247f503b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All;

You might want to check out this TenTec PM-3A Qrp xcvr at>>
<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=108335451>
Thanks es 73....Rich WA2RQY (1961)
WA2RQY's "confusion Radio" Web-Page
<Http://members.aol.com/rlucch2098/index.html>
RLUCCH2098@aol.com
"Keep those heaters on"

Date: Thu, 27 May 1999 22:05:24 -0400
From: Tom Randall <trandall@idsi.net>
To: qrp-l@Lehigh.EDU
Subject: [41517] Re: Member Numbers
Message-ID: <199905280205.WAA32112@pop.idsi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>QRP-L member numbers are found at:

>ftp://ftp.lehigh.edu/pub/listserv/qrp-l/misc/member_numbers.txt

I'm new to the list, do I get a number? I checked the above list and I'm not on it anywhere. How do you find or get your number?

73,
Tom Randall

Date: Thu, 27 May 1999 22:25:17 -0400
From: "George Heron" <n2apb@erols.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [41518] Re: WOW, any freq xtal osc
Message-ID: <01b001bea8b1\$7a5f5b60\$4374accf@herong>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This is a great find Steve, especially for all 478 Fireball 40 owners

around the world! What a fast, simple and inexpensive way to put your FB40 on any frequency whatsoever in the bands offered on the kit.

And there are still FB40 kits available. Also blank pcb's for those wishing the circuit traces ready to drop in one of these custom crystal oscillators. See the NJ-QRP Club pages for details: www.njqrp.org/fireball40

BTW, the Digi-Key location is www.digi-key.com/MKT/New992/WhatsNew.html and these oscillator products are in the 3rd product grouping down the page (called "Programmable Oscillators").

72, George N2APB

>Digi-Key can now make custom Epson xtal oscillators at any freq
>between 1 and 125 Mhz to six, that's right, six decimal places!
>
[snip]
>
>Best yet, price in singles is a low of \$3.33 for a 1/2 size dip to a
>high of \$4.73 for a low profile SMT.

Date: Thu, 27 May 1999 22:46:04 -0400
From: "John Farler" <jfarler@mis.net>
To: <qrp-l@Lehigh.EDU>
Subject: [41519] Help- Bug problem
Message-ID: <000101bea8b4\$3c46b8c0\$f4261cce@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Not entirely qrp-l but where else can you find an answer to these types of problems?

I bought a bug (semi-automatic key) at Dayton that looked to be in excellent condition. When I tried to use it, I found that the Dit contact adjusting screw would not adjust; it would not turn very far. I think someone jammed it by having the lock nut that holds it in place tightened down when they tried to adjust it, or other wise abused the threads, perhaps by using pliers in the same situation, although this isn't evident. Just wonder if there is a fix, or a "help" to improve the situation. It isn't aparent, since the screw is through the post, and can't be removed due to its partially cross threaded situation. But you never know on this

list....thanks.

72, John Farler, K4AVX
Hazard, Ky.
jfarler@mis.net

Date: Thu, 27 May 1999 18:54:59 -0600
From: Niel Skousen <skousen@srv.net>
To: qrp-l@lehigh.edu
Cc: skousen@srv.net
Subject: [41520] FS: IC737A, FT530, PS, TNC etc.
Message-ID: <v04003a01b373996785c9@[12.7.217.11]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I've still got a bunch of equipt here that I'd like to sell.
I don't sell much on the list, so if I'm guessing prices way wrong,
please say so - I won't be offended... all prices are 'best offer' as well.

IC737A	\$675	(160-10m, 100w, Gen.coverage rx, mint <10hrs on the air)
FT-530	215	(2m/450 5w, 2 avail)

May also have more stuff later...

Niel

Niel Skousen : WA7SSA skousen@srv.net
Idaho Falls, ID QRP-L.119 fr DN33wm

Date: Thu, 27 May 1999 22:58:19 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [41521] W8KC's Virtual Ten*Tec Museum
Message-ID: <Pine.OSF.3.95.990527225326.17119A-100000@saturn1.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A kindly QRP-L member pointed out that the URL for my Ten*Tec page may not be working.

After thinking about it a bit, he's correct, it may not work for *everyone*.

So... if you had trouble or perhaps received an error, please try here...

<<http://www.acs.oakland.edu/~prvalko/tentec.htm>>

Enjoy!

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Fri, 28 May 1999 03:01:06 -0700
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [41522] PCB drill sizes ??
Message-ID: <199905280300.WAA24893@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang:

Going to buy some drills for PCB work tomorrow and need to know what the most likely sizes are to be used. The ARRL HB says the #60, #62 #65 and #68 are useful....

Are these the right sizes for most component leads?????

What is your experience???

Larry KA5T

Date: Thu, 27 May 1999 19:13:00 -0400
From: S LYON <sslyon@worldnet.att.net>

To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [41523] Please help welcome G4WIF & G3MFJ !
Message-ID: <374DD17B.3B15B07C@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

We've got a bit more than a week before Tony and Graham hit our shores
and
I'd like to invite all who can make it June 6th, Sunday afternoon for a
CHEW
'N BREW gathering, place t.b.d. in the NYC area. Kevin N2TO and I need
to
know a.s.a.p. how many to plan for.

Hopes are that since the meeting is off, folks will have a bit more
slack
to have a good time show 'n telling, pondering projects, etc. We'll have
a
repeater link (t.b.d.) to help coordinate things and invite your tune in
and
call-in, also. Contact me or Kevin. Thanks!
72
-s-

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Thu, 27 May 1999 19:17:22 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [41524] FIREBALL SCORING ...
Message-ID: <374DD282.E6262F16@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thank you Ken... that helps a lot,-I'll get my log in this weekend. Yes
-let's try that again -this time with a major antenna. I'll be trying
the

Magnetic Slot, maybe as early as tonite. Stay tuned.

72

-s-

AA1MY

-----Original Message-----

From: Ken Newman [mailto:N2CQ@citnet.com]

Sent: Thursday, May 27, 1999 11:23 AM

To: njqrp@njqrp.org

Subject: Re: FIREBALL SCORING PROBLEM?

At 11:57 AM 5/26/99 -0400, you wrote:

>As far as I know, there weren't many fireballs in the sprint... most folks
>gave power levels. Can this be? Could it be that folks didn't understand
the

>reporting system? -Just like to check with those whom I worked to verify.

>Thanks!

>72

>-s-

>AA1MY

>sslyon@att.net

>

>

>

>

>Seabury Lyon

>GE Capital, CEF

>Danbury, CT

>(203) 796-2400

>

>===== NJ QRP Club Mailing List =====

>To unsubscribe from this list, send email to listserver@vramp.net

>and put the text "unsubscribe njqrp" in the message. To post a

>message to the list, send email to njqrp@njqrp.org.

Hi Seab,

Yes, I used the 5 watter as WQ2RP mostly to be sure there would be a stronger signal on freq to help things going. From all indications, it could have been that Fireball Guys haven't build them yet or didn't work anyone. Except Jake and you.

The score I posted for WQ2RP was computed from NA software since I used it for the Fireball Run. It is exactly as the QRP ARCI contests, except the Fireball Multiplier which has to be manually added at the end.

We may have to do it again until we get it right!

It may be the time to go over the scoring on the Fireball Run:

I'll do the manual scoring for WQ2RP:

(Copied from the rules on the NJQRP website)

QSO POINTS:

Fireball or Fireball+ = 5

Others = 2

FYI: Fireballers sent #1 (FB40) or #2 (FB40+), Others sent "power out" in the exchange.

WQ2RP:

12 QSOs

(10 Others =20 QSO points)

(2 Fireballs =10 QSO points)

30 QSO Points for WQ2RP

MULTIPLIERS:

S/P/C (State/Province/Country) total for all bands.

WQ2RP:

Example: NJ was worked on 40 and 80. Counts 2 SPC multipliers.

80 meters=1, 40 meters=6, 20 meters=1 Total SPCs = 8 for WQ2RP

POWER MULTIPLIER:

0-250 mw = X 15; 250 mw - 1 W = X 10; 1-5 Watts = X 7; Over 5W = X 1

WQ2RP ran 5 watts. Power Multiplier 7 for WQ2RP

SPECIAL FIREBALL MULTIPLIER:

If your xmtr is a Fireball or Fireball+ with 100% QSOs, your score may be

multiplied by 5 for Fireball or by 2 with Fireball+ for the final score.

WQ2RP did not use the Fireball xmtr. (He sent "5W" in the exchange).

Fireball Multiplier=1 at WQ2RP

FINAL SCORE:

QSO Points x SPC X Power Mult X Fireball Mult = Final Score

WQ2RP: 30 X 8 X 7 X 1 = 1680

WQ2RP being the host club station, it will not be part of the competition but listed as "For Your Information".

YES, GUYS, I need you entry, including some "Soapbox" comments with it. We definately will make you famous for all to see and be amazed

at the NJQRP WEBSITE.

THANKS IN ADVANCE!

72/73 de
Ken Newman - N2CQ
Woodbury, NJ

N2CQ@ARRL.NET

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Thu, 27 May 1999 21:10:48 -0600
From: "Rod Cerkoney" <rlwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [41525] Re: Have you had a problem with NorCal ???
Message-ID: <006301bea8b8\$25ca0d00\$b38611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

....NO TROUBLE HERE!

Paul, Jim and Doug have done right by me, so I had to jump in with my support for them.

To err is human to forgive is divine. Considering all these guys do, I say cut 'em some slack. If there is a glitch, a polite, Hey Doug, Hey Jim, Hey Paul note is all that is necessary to make things right. Might take a little time, no biggie, you gotta stop and consider all they do....

Paul, Doug, Jim--THANKS. You guys make this QRP stuff fun and interesting!

Now back to ham radio:

OQRPP:

Kanga pole clamping: Use stainless hose clamps.

Kanga poles: I got one from Allan, it's cool, I like it. Can't wait to decorate it with wire & squirt RF in the air.

Squirtin' RF: Movin' the QTH is cuttin' in to OP time. :-(

Squirtin RF part 2: Can't wait for my K2. OCWFMK2P ;-)

Other stuff: ordered a ZM-2 Ant Tuner, got parts to build a Regen, converting my OHR-100 20m to 30m, painted my NC20 case(finally!), can't wait to build a DSW rig, try PSK31....so many things so little time.

72/3 Rod, NØRC
Fort Collins, CO
arrl, qrp-l, qrp arc, fists, norcal, cqcc
da di dah

Date: Fri, 28 May 1999 03:17:34 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <wyn@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [41526] Re: Have you had a problem with NorCal, Read this.
Message-ID: <00f301bea8b0\$40863400\$cd42b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just say
Gort! Clatu niktu veroda!
Then the problem will go away.
de Steve, W8SFF

Date: Fri, 28 May 1999 03:33:59 +0100
From: "Walter D. Amos" <waltk8cv@mpdr0.detroit.mi.ameritech.net>
To: Qrp-l Posts <qrp-l@lehigh.edu>
Subject: [41527] HEY, I'M A NORCAL ZOMBIE ALSO !
Message-ID: <374E0097.8DF25696@mailhost.det.ameritech.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I got funny looks at Dayton and some questions but Steve with his AREA 51 side showing really made them back off :-)

I got my QRPp ok, thanks Doug, Jim, Paul and thanks to all the others behind the scene!

MAYBE , the post office ate the complainers copy?

MAYBE , his / hers mail person will soon be a ham from taking it home!

Some good may yet come from this :-)

Walt k8cv

Date: Thu, 27 May 1999 22:27:34 -0500
From: k5zty@juno.com
To: ki6ds@dpol.k12.ca.us
Cc: qrp-1@Lehigh.EDU
Subject: [41528] Re: ARE You on the Missing QRPp Moved List?
Message-ID: <19990527.223416.10198.0.k5zty@juno.com>

Come on Doug!! You don't have to do this.. Anyone who moves and doesn't leave a forwarding address can't possibly expect to get their mail. You're going way beyond the call of duty. And as for those other guys that are complaining about not getting their magazines, tell them to call the post office. Your responsibility ends when you deliver them to the post office. I've heard a lot of rumors, but not the one about NorCal getting a reputation for cheating people out of their money. You need to grow a little thicker skin.

Bill, K5ZTY
Houston, TX
k5zty@juno.com

On Thu, 27 May 1999 12:49:37 -0700 ki6ds@dpol.k12.ca.us (Hendricks, Doug) writes:

>Guys, here is a list of QRPp's that were returned by the post office
>because
>the addressee has moved and there is no forwarding address. If your
>name is
>here, email me and I will send the issue to you.
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 27 May 1999 21:41:42 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: KA5T Larry Wise <lewise@inetport.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41529] Re: PCB drill sizes ??
Message-ID: <Pine.SUN.4.10.9905272125170.20213-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 May 1999, KA5T Larry Wise wrote:
> Going to buy some drills for PCB work tomorrow and need to
> know what the most likely sizes are to be used. The
> ARRL HB says the #60, #62 #65 and #68 are useful....
>
> Are these the right sizes for most component leads?????

Larry and others,
There is a DRILL SIZE table in the Appendix in the Data Book for QRPers,
for those that have one. For those who don't, here's a few of the
most popular one's to have:

#68 for .031" dia. leads or smaller
#66 for .029" dia. leads (most transistors)
#63 for .033" dia. leads
#60 for .036" dia. leads (1/4W resistors/diodes)
#55 for .048" dia. leads (1/2W resistors)

For mechanical work:

	Clearance Hole	Tap drill
2-56	#44 (.086"dia.)	#50 (.070"dia.)
4-40	#32 (.116"dia.)	#43 (.089"dia.)
6-32	#27 (.144"dia.)	#36 (.107"dia.)

Couple other useful drills I use:

#30 (.129"dia.) For panel-mounting a T-1 LED (mini-LED's)
#5 (.206"dia.) For panel-mounting a T-1 3/4 LED (std. size)
#10 (.194"dia.) For panel-mounting a 2.5mm phono jack
#26 When #27 6-32 drill is broke!

GL and 72, Paul NA5N

Date: Thu, 27 May 1999 22:56:40 -0500
From: "John Burnley" <burnley-ia@worldnet.att.net>
To: <qrp-l@lehigh.edu>
Subject: [41530] =?ISO-8859-1?Q?
RE:_Have_you_had_a_problem_with_NorCal=2C_Read_this.=A0?=
Message-ID: <19990528035751.EVGL28241@burnley-ppp>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

First my apologies to the gentleman who is angry at Doug for not having time to look up his information. I am one of the reasons Doug was tied up. I was the 6:00 pm call and Doug took the time to help me with several items. He didn't have to do it but did so without hesitation. He took 1 1/2 hours out of his evening to help someone he has never met or spoken to before (although we have exchanged a couple of emails).

Secondly my apologies to Doug for taking heat for helping me out. BTW, I ended up with the 'XYL eye roll' as well.

Doug, thank you for taking the time to talk to me on the phone to answer my questions. I am sorry that by helping me you ended up in the hot seat. You are a tremendous resource to many of us and I appreciate your help.

72, John NU0V

Date: Thu, 27 May 1999 23:58:59 -0400
From: David Hinerman <wd8civ@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [41531] Re: Help- Bug problem

Message-ID: <3.0.6.32.19990527235859.00799e00@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:46 PM 5/27/99 -0400, you wrote:

>Not entirely qrp-1 but where else can you find an answer to these types of
>problems?
>I bought a bug (semi-automatic key) at Dayton that looked to be in
>excellent condition. When I tried to use it, I found that the Dit contact
>adjusting screw would not adjust; it would not turn very far. I think
>someone jammed it by having the lock nut that holds it in place tightened
>down when they tried to adjust it, or other wise abused the threads, perhaps
>by using pliers in the same situation, although this isn't evident.
>Just wonder if there is a fix, or a "help" to improve the situation. It
>isn't aparent, since the screw is through the post, and can't be removed due
>to its partially cross threaded situation. But you never know on this
>list....thanks.

John,

Two things come to mind:

1) A little judicious heating of the post may cause it to expand enough to allow the screw to be turned out.

2) WD-40.

But I'd wait for some more advice from people who know what they're talking about, first.

Dave

Dave Hinerman - WD8CIV

Date: Thu, 27 May 1999 23:50:50 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [41532] Re: WOW, any freq xtal osc
Message-ID: <199905280434.AAA19450@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Looking a little deeper into these things, turns out they are PLL

based and may not be available in all frequencies. Looks like 100 Hz steps to me, infering from the data sheet page Adam just sent me and even the 50 ppm tolerance parts gives them some leeway. No mention of jitter or phase noise, which might be marginal for some applications.

Never the less, for the price and flexible choice of frequencies, these will be very handy. I'm thinking FB-15 myself...

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Fri, 28 May 1999 04:40:49 -0700
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [41533] Re: PCB drill sizes ??
Message-ID: <199905280440.XAA29885@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Geezzzz! There, I did it again, asking a question when I already had the answer right there on the shelf!!!! Duh....

Thanks for the pointer Paul....

That was EXACTLY the info I wanted (had!)....And more to boot...

When WILL I learn to look in Data Book first???? :-)

Larry KA5T

On Thu, 27 May 1999 21:41:42 -0600 (MDT), Paul Harden, NA5N wrote:

>...
>Larry and others,
>There is a DRILL SIZE table in the Appendix in the Data Book for QRPers,
>...

Date: Thu, 27 May 1999 23:19:08 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-1@lehigh.edu
Cc: jmedley@ix.netcom.com, cqclist@mtechnologies.com
Subject: [41534] Today's Solar Activity
Message-ID: <Pine.SUN.4.10.9905272211420.20437-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Today's solar activity, while not really spectacular, does contain some new "buzz words" and concepts not presented before. Therefore, this is a good one to turn into a tutorial for those so interested.

> JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
> SDF NUMBER 147 ISSUED AT 2200Z ON 27 MAY 1999

> IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 26/2100Z
> TO 27/2100Z: SOLAR ACTIVITY WAS LOW. THERE WERE NUMEROUS C-CLASS
> X-RAY FLARES THROUGHOUT THE PERIOD;

Inspite of "numerous C-Class flares" activity was LOW. This is simply because C-class flares are considered SMALL flares, and an M-Class flare is what defines solar activity as MODERATE. An X-class flare is considered HIGH solar activity.

> THE LARGEST WAS A C7 OPTICALLY CORRELATED TO REGION 8545 (N37W85).

It used to be that ALL solar flares were detected by visual (optical) observations. Now the primary detection method are the x-ray detectors on numerous satellites. We know now that many flares occur, particularly small C-class types, that can NOT be seen optically. Today's C-class flare was detected by it's x-ray emissions AND by being seen optically as well. Sometimes short duration flares are detected by the satellites, but it is not known what region of the sun it occurred on. But today, it was detected by electronic instrumentation AND visually to identify exactly where on the sun it occurred, and thus, today's flare was "optically correlated."

> BEGINNING AT 27/0917Z EIT IMAGERY SHOWED A SERIES OF SYMPATHETIC FLARES
> BETWEEN REGIONS 8551 (N32W14) AND 8554 (N26E11).

Sunspots tend to be in "groups" on the sun's surface. Generally, one group of spots has nothing to do with another group of spots. However, sometimes they do have complex magnetic fields running between them, and sometimes, when a flare occurs in one group, for reasons not well

understood, it triggers smaller flares in a nearby group (of course "nearby" on the sun's surface can be 100,000 miles!). When a flare triggers other flares in another group, they are called "sympathetic flares." If I read this right, this seems to be even more unusual, in that the secondary, or "sympathetic" flares appeared BETWEEN sunspot groups, or from an area of the sun that had no previous signs of disturbances or sunspots.

A possible advantage of these sympathetic flares is sometimes they raise the overall solar flux of the sun. Thus, a 10-20 point increase in the solar flux is possible, making 10-15M "hot" over the next few days.

> THESE FLARES PRODUCED A NUMBER OF RADIO EVENTS INCLUDING TYPE II AND
> IV RADIO SWEEPS AS WELL AS A 16000 SFU TENFLARE.

A solar flare is an eruption on the sun's surface that sends a shock wave of electrons outward from the sun. As this "wall" of electrons cross the sun's magnetic field lines, it produces radio emissions over a broad spectrum (about 1000MHz down to 10-30MHz). The farther outward the shock wave travels, the LOWER the frequency from this spectrum is allowed to escape the sun. With a small flare, this shock wave may dissipate 2.5-3 solar radii outward, in which nothing below 50-100MHz escapes. A larger flare, the shock wave travels outward even farther, allowing lower frequencies, into the HF spectrum, to escape. Thus, observatories "listen" to these radio emissions to see what the lowest frequency they are detected at every few minutes. This in turn tells you how fast the shock wave is traveling, and by the lowest frequency finally attained, how far outward from the sun the shock wave traveled, or if it escaped the sun to smack into the earth some time later.

As this shock wave passes through the sun's magnetic field, it generates two MAJOR types of radio emissions:

A TYPE II SWEEP is energy being radiated from a high frequency of about 300MHz, downward to whatever the lowest frequency that escapes may be. These sweeps occur at a rate of about 2MHz per second. ON EARTH, they will sound like bursts of static, or sometimes like ignition noise, in a narrow band receiver (such as a QRP rig!).

A TYPE IV SWEEP is CONTINUUM NOISE ... that is, energy at all radio frequencies simultaneously ... from around 300MHz down to the lowest allowed to escape. ON EARTH, this will be a sudden elevation in the noise level on all HF frequencies down to the PLASMA frequency (a fancy word for the lowest frequency allowed to escape the sun's magnetic field).

Both TYPE II and IV SWEEPS last from the onset of the flare to around 30-60 minutes afterwards. It does not disrupt communications, but it is the fingerprint that a shock wave from the flare escaped the sun,

and may be heading towards the earth to trigger a geomagnetic storm about 55 hours later. This shock wave may also be dense mass being flung at us, which is called a CME, or Coronal Mass Ejection.

> A CORRESPONDING HALO CME WAS SEEN ON LASCO C3 AT 27/1338Z.

And sure enough, a CME was seen by the LASCO satellite. If the plasma or particles of this CME strikes the EARTH's magnetic field, it will trigger a geomagnetic storm. This CME is from a small C-class flare, so it will produce a MINOR geomagnetic storm at best when the shockwave arrives, probably afternoon-evening on saturday.

> REGION 8552 (N20E25) REMAINS THE LARGEST AND MOST COMPLEX
> REGION ON THE DISK.

By complex, it is referring to the magnetic complexity, which always precedes a major flare. This is saying that this is the area on the sun to watch, as it could produce further flare activity, and if it grows much more, it could produce M-class flares.

> IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z:
> THE GEOMAGNETIC FIELD RANGED FROM QUIET TO UNSETTLED. A ENERGETIC
> PROTON ENHANCEMENT BEGAN AT APPROXIMATELY 27/1130Z, BUT DID NOT
> REACH THRESHOLD LEVELS. AFTER PEAKING AT APPROXIMATELY 27/1230Z THE
> PROTONS STEADILY DECREASED.

This little C-class flare was sure begging for some attention! In addition to releasing x-rays, electrons, a shock wave, CME and radio emissions, it dumped a bunch of high-speed protons into space as well. The concern with energetic protons reaching the earth is the potential for damage to our orbiting satellites. When "threshold levels" are met, alerts are issued to operators of satellites for them to take evasive action if they can (such as rotating the satellite so the "shielded" side faces the earth, rather than the solar cell side).

> IIB. GEOPHYSICAL ACTIVITY FORECAST: DURING DAY ONE THE GEOMAGNETIC
> FIELD IS EXPECTED TO BE MOSTLY QUIET TO UNSETTLED. BRIEF PERIODS OF
> ACTIVE CONDITIONS ARE POSSIBLE EARLY DUE TO THE EFFECTS OF A
> RECURRENT CORONAL HOLE. BY DAY TWO THE IMPACT OF A CME IS EXPECTED
> TO BRING UNSETTLED TO ACTIVE CONDITIONS.

In their predicted A-index below of 25 on saturday, this is just short of the MINOR geomagnetic storm. Could be several hours of crashing static bursts during the contests late saturday ... and they will be worse the lower in frequency you are on.

> IV. PENTICTON 10.7 CM FLUX
> OBSERVED 27 MAY 155 <----- 10M IS OPEN!!!

> PREDICTED 28 MAY-30 MAY 155/165/165 <--- and gets better for WPX
> 90 DAY MEAN 27 MAY 129

> V. GEOMAGNETIC A INDICES
> OBSERVED AFR/AP 26 MAY 007/008
> ESTIMATED AFR/AP 27 MAY 010/010
> PREDICTED AFR/AP 28 MAY-30 MAY 010/012-020/025-015/020
 ^^^^^^^^ ^^^^^^^ ^^^^^^^
 FRI SAT SUN

Thus, saturday and sunday could be a little noisy.
And a bit worse in the higher latitudes.

This is presented for informational purposes only. It is not the end
of the world. Just some elevated noise levels over the weekend, and why.
Do not let it discourage you from operating!

GL es 72, Paul NA5N
National Radio Astronomy Observatory
Socorro, New Mexico

DISCLAIMERS:

Periodically I'm supposed to remind you that these solar interpretations
are not always reviewed by the observatory staff, and thus are not
endorsed by the NRAO, nor am I officially representing the observatory.
There may be other restrictions that vary from state to state; offer void
in California, Texas and Arkansas; do not invest or send money until you
read the perspectus carefully; void where prohibited.

Date: Fri, 28 May 1999 02:05:46 -0400
From: Tim <drboom@bright.net>
To: qrp-l@Lehigh.EDU
Subject: [41535] PCB Drill Press
Message-ID: <374E323A.D4A88277@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

First of all hello to the group,

I was wondering if someone in the group could suggest a good drill press
stand for the moto tool for drilling holes for components in circuit
boards.

I have always used the predrilled kit boards and was wanting to start building some from scratch. Any suggestions would be appreciated. I'm brand new to this list, and from what I have seen so far, you are a great group.

Also any help with what you may see as the method that works the best for the transfer of circuit board designs from books to the board itself.

Thanks to all who may reply...

Tim NM8Y

Date: Fri, 28 May 1999 00:11:15 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: cqclist@mtechnologies.com, jmedley@ix.netcom.com
Subject: [41536] Today's Solar: Correction
Message-ID: <Pine.SUN.4.10.9905280000150.20437-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ooops, a typo ended up being very misleading.

When a proton event occurs, some satellites have the ability to stow it's solar arrays and rotate so the shielded side faces the SUN ... not the Earth as I accidentally stated in the original post. Sorry.

As protons hit the "skin" of a satellite, it generates a current on the side it hits, which creates a voltage potential between the front and back sides of the satellites. If large enough, this voltage could cause arcing inside the satellite, and obviously the potential for serious and permanent damage. Some satellites have their batteries, fuel tanks, solar cell deployment motors, etc. on the dark side of the satellite (side facing the earth) so the sunlight doesn't heat up the batteries, compressed fuels and gasses in the tanks, etc. During a proton event alert, however, this side of the spacecraft *is* pointed towards the sun, so the bulk and irregular shape of the batteries, tanks, etc. will act as a shield to reduce the induced current generated. When the proton event drops below dangerous levels, the satellite is rotated back into its operating position. Many satellites will be inoperative during this period, and hopefully afterwards as well!

72, Paul NA5N

Date: Thu, 27 May 1999 21:32:58 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [41537] Re: ARRL Classics
Message-ID: <000401bea8d5\$5b097740\$b8ffabc3@p75>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For those of us that don't get QST, the Classics are an absolute gold mine. A couple of weeks ago I hit pay dirt at a club "junk sale" where I got a copy of "Solid State Basics" and the "ARRL Electronics Data Book" - each for the equivalent of about 50 cents. These two books have joined my other "classics" Library, most of which (not surprisingly) have Doug DeMaw's name on the cover.

Buy these, the ARRL handbook and the RSGB handbook, and a ham has most of the library he/she will ever need.

72
Tony - G4WIF

Date: Thu, 27 May 1999 23:47:38 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41538] Re: Have you had a problem with NorCal, Read this.
Message-ID: <374E3C0A.2843370F@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bob Hightower wrote:

>
> I don't know of anyone who has had a 'real' problem with Norcal, although I
> think this came up once before. Just refund their money and cut them off
> your list.

I couldn't agree more. I received a 38 special last month, with the infamous third overtone crystal. I asked Doug if he would SELL me the correct one. He said "No, I will give you one". He surely wasn't obligated to GIVE me a crystal 2 years after the kit run ended. I too, had a problem with my Norcal subscription, and he and Mr. Cates made it right.

I don't see why he, or anyone else, has to get a "thicker skin".

WE need to realize that this group is all volunteers. As such, make a straight up request, and give them plenty of time to work through the problem.

Personally, I'm getting fed up with the ebay postings appearing on the list.

72,

Norm/KQ6SD

Date: Fri, 28 May 1999 08:45:19 +0200
From: iapizloj@bicc00.bi.ehu.es (Jon Iza)
To: qrp-l@lehigh.edu
Cc: iapizloj@bicc00.bi.ehu.es
Subject: [41539] Micron txvr
Message-ID: <9905280645.AA31868@bicc00.bi.ehu.es>

Gang,
Peter, DL2FI, was asking for information about that transceiver, the Micron, a design by G3WPO, owner of WPO Communications. The rig was a QRP CW rig with all kind of bells and whistles, or at least I thought it was. I asked on the G-QRP-L about it and I got some surprising emails telling me there were troubles with the rig... It was published on the British journal Ham Radio Today, and a full kit was provided by WPO Comms. Earlier was a design of a full size rig, the Omega, which was well thought too. G3WPO was the author of many other interesting rigs and accesories, i.e. a DSB design for 80 or 160 meter, several higly stable VF0s, even for 144 MHz, and an excellent fet-dipper, which is now available (as Mark II) through Maplin.
Hope this info helps a bit.
jon, ea2sn

Date: Thu, 27 May 1999 23:58:08 -0700
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, <drboom@bright.net>
Cc: "KA5T Larry Wise" <lewise@inetport.com>
Subject: [41540] Re: PCB Drill Press
Message-ID: <199905280656.XAA21813@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tim et al,

RE: PCB drilling, I like the standard Dremel tool with the Dremel Drill Press (#212). The drill press (stand) is available thru various mail-order and web retailers for about \$40. The advantage of going with this system is you can spin a carbide PCB drill, instead of a common hi-speed steel bit, at ~ 30K rpm. You'll get vastly improved bit life with the carbide bits -- it's the same scheme the board houses use, except they spin the bits at ~ 50-100k rpm depending on the stack height.

You can tape the edges of your PCB to a couple of pieces of corrugated cardboard -- allowing the drill bit to pass through the PCB into something that won't cause it to bind and snap. It's an easy way to position the work under the drill press. The trick is to HOLD the work firmly while the bit is passing thru the board. It's very simple with a bit of practice.

For bits I'd recommend buying an assortment of carbides to get your feet wet. Try Harbor Freight Tools. They have a 50pc assortment of carbide bits suitable for the Dremel for only \$12.99.

Brief description: Use these micro bits on the hardest materials, including steel, composites, hardwood and plastics. Perfect to use with Dremel or flexible shaft tools. For all kinds of projects from model railroads to jewelry. Made from repointed industrial stock.

Shank: 1/8''
Maximum speed: 60,000 RPM
Sizes: #80 to 3/8''
Shipping weight: 0.4 lbs.
ITEM 34640-2VGA

Price: \$12.99

URL:

<http://www.harborfreight.com/cpi/taf/Displayitem.taf?itemnumber=34640>

Phone: 1-800-423-2567

For the Dremel Drill Press (#212) ... check out Roberts Tools & Supply Co.

Net Price: \$33.75

Phone: 201-791-8787

URL: <http://www.robertstool.com/212.htm>

Wear your safety glasses and have fun,

72 - Conrad - NN6CW

///snip///

I was wondering if someone in the group could suggest a good drill press stand for the moto tool for drilling holes for components in circuit boards.

Thanks to all who may reply...

Tim NM8Y

Date: Fri, 28 May 1999 09:18:48 +0200
From: iapizloj@bicc00.bi.ehu.es (Jon Iza)
To: qrp-l@lehigh.edu
Cc: iapizloj@bicc00.bi.ehu.es
Subject: [41541] TS-50 low power hint
Message-ID: <9905280718.AA98846@bicc00.bi.ehu.es>

Hi, folks

I've follow the thread on lowering the output on a Kenwood TS50. This is my backup rig and I won't even open the lid up. I want it to remain as a backup rig, and not a box of junk :-)

Anyway, I did study the schematic regarding the setting of the power levels. One pot sets full power (usually 100 Watts)

The other two are dividers of the voltage set by the full power pot.

When activating the Autotuner, the rig immediately switches to low power, tunes and then goes back to previous power setting.

What happen if you set the whole rig to 10/5/1 Watts??

The autotuner switches to low power and 1 Watt is not enough for the sensing circuit of the autotuner.

How about a solution???

(Attention, please, pretty please, it ain't no kid stuff here. Don't blame on me if you make a mess of your rig...I am not responsible nor liable...)

The pots are selected by an integrated circuit which incidentally is SMD.

It will be needed to select the pins which go for the HI and LOW pots, desolder the pins and crossed them.

That way, when selecting power from the front panel or the mike, HI will be the lowest range, MID will be the middle and LO will be the highest power.

Selecting 10 Watts with the High power, it will be possible to put 5 Watts on MID and 1 Watt on Low. On autotuning, the rig would select LOW power, which, due to the crossing will go for the High power, putting out 10 Watts. Later on it will be selecting the current power setting (10, 5 or 1 Watt).

Also, it will be a good way to pull a leg on your QRO friends. As the panel marks are the same, but the settings are crossed, they will probably want to increase power, and going from LOW to MID and to HI power will be going from 10 to 5 and then to 1 Watt. Just enough for a good laugh!

The maneouver with the SMD chip is tricky, so please, don't mess up with it if you don't know what are you doing.

Be well, and have fun.

jon, ea2sn

Date: Fri, 28 May 1999 04:04:05 -0400
From: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
To: Low Power Amateur Radio Discussion <grp-l@Lehigh.EDU>
Subject: [41542] Re: Have you had a problem with NorCal ??? -- NO !!!
Message-ID: <374E4DF5.E5F7C226@voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I want to quickly sound off on this, since so much has been said already....what could one more hurt? Jim and Doug....I don't know you, though I think we met a Dayton last year. I am a Norcal Zombie, though I can't see the number anymore (too many days on display in the sunny Midwest, I guess) and I don't know WHY in the world such bitter people exist....or how they can! Send me an address and I will be a replacement subscriber to the QRPp.....This group is among THE finest I have been fortunate enough to

meet and it is a shame a couple cranks have power enough to cause such a fuss.

Keep up the good work and get me that address ASAP so I can get my check in to you.

72/73,
Erv W8ERV

Date: Fri, 28 May 1999 07:12:18 -0500
From: sda <sda@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [41543] being a ham and being human (long)
Message-ID: <199905281211.IAA08223@mail2.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi ya'll:

I am going to take a risk here and kick into my "social work" mode, as this is what I do for a living. I have seen the frustration of those on this list who don't get their stuff on time, or get the wrong stuff, or stuff that doesn't work.

I too struggle sometimes when I don't get my stuff on time, etc. However, I think it's important to remember that in spite of the fact that we are all subject to an array of human frailties and shortcomings, we have the "spirit" or gift of communication. Within my grasp at this very moment are: 1) land line telephone; 2) cell-phone; 3) a 20 & 80 meter CW rig; 4) a 2m/440 HT; and of course 5) Internet email.

Thus it seems to me that as long as we remain "connected" things will work out. Ham's usually aren't mean or bad people but some of us seem to be a bit egotistical, impatient, demanding, and sometimes selfish. We "want what we want when we want it"! Many/most of us are just the opposite: humble, patient/tolerant, and self-less.

I am very new to ham radio but I believe I have the

ham spirit. The ham spirit is what fascinates me. I could build electronic "widgets" all day long but I wouldn't be satisfied unless I could communicate with them. My widgets and toys let me talk to a person on "the other side" and this fascinates me. We share something unique in this world, the spirit of brother/sister-hood and communication.

Sometimes life circumstances and personalities come to bear on a person and the ham spirit is pre-empted. Some folks cross the line and do uncool things like call employers because they're mad about zombie pins, and send fussy and snooty email cuz they didn't get their stuff on time. It's hard to accept this kind of behavior from hams cuz it represents a sharp deviation from the ham spirit.

Because we are members of a mostly "faceless" community, we have to rely on faith that the person on the "other side" also has the ham spirit and will take care of our orders for stuff and that our money is safe and what not. This is not difficult to do at all. We trust we will be taken care of. When the flow of things breaks down, and we don't get our stuff on, we should remember that there are many variables along the way and many possibilities for error. Think about all that has to take place when you order something or subscribe to a journal. The process can break down at any point. There can/will be delays and such. But, the likelihood of anyone of us getting "screwed over" is very very small.

In my opinion, the key to resolution of these problems lies within the ham spirit and principles of: COMMUNICATION, PATIENCE, TOLERANCE, GOOD WILL. When something in the process of stuff-getting breaks down remember we have many ways of talking with the guy/gal on the other side.

Sometimes I get frustrated/anxious about waiting on my K2. I have 2-3 other hams who are in the same boat, (and I am sure there are dozens of others out there) and we email back and forth from time to time to relieve our frustrations and reassure one another that we will live! Funny how our "stuff" can take on such immense importance. Just human nature I guess.

So, the two sided coin is that 1) yes, we're hams but sometimes some of us screw up and do uncool things,

and 2) yeah sometimes we don't get our stuff but we need to realize we are hams and we are dealing with other hams and things ARE going to work out eventually, in nearly every single case.

I suppose I made a long diatribe here, but I just felt like writing this morning. I felt bad for Doug Hendricks getting angry emails from some guy on this list. Yet at the same time, I understood that guy's frustration because I am in the same boat as he is.

Communicate, be patient, be cool, and be a ham.

72,

Todd Atkins, K4MSW
Baton Rouge, Louisiana

<http://www.qsl.net/k4msw>

Date: Fri, 28 May 1999 08:31:31 -0400

From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [41544] Band plan?
Message-ID: <374E8CA3.932A9BC8@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It seems that I made a radio "faux pas" yesterday. Enjoying the solar flux levels, I called CQ on 15 meters SSB, around 21.295. A gentleman from Maine came back and we had a nice rag chew. About half way through, a foreign station (he did not ID) informed us politely that we were conversing in a "DX Window". We promptly moved.

The question, is there an accepted "universal" band plan? I understand that they are not the LAW and I had every right within the LAW to stay where I was, but that they are "agreements" to make operating easier for everyone. Is there a web resource with the band plan information, or do I have to buy a book?

Thanks and 72

--

72 de KU4Q0, Mike Maiorana, Palm Harbor, FL

"Science, like nature, must also be tamed, with a view towards its preservation"

Date: Fri, 28 May 1999 09:02:14 -0400
From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41545] electronics stores..
Message-ID: <374E93D6.6AD03909@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

i have the good fortune to live right in between columbus and cleveland which makes both cities an hour away..

so.. i was wondering if anyone knew of a good electronics supply store in either town.. you know, a place where the sell components and junk like that..

anyone have any ideas?

thanks!

--

peace,
sergio
<http://www.bright.net/~sruiz>
"the village buzz"

Date: Fri, 28 May 1999 09:42:49 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: <jfarler@mis.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [41546] RE: Help- Bug problem
Message-ID: <000501bea90f\$f9e6ab00\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi John:

As a collector of keys I can sympathize with you! Nothin' worse than finding a nice key--or any piece of gear for that matter--that someone's screwed up (pun intended).

In any case, Vibroplex sells replacement parts for its keys, and most of the components have remained virtually unchanged over the years. If you can't get the thread out, why not simply replace the entire post, along with the threaded component. For a modest few bucks you'll be all set as new. The only downside might be that the new parts will be shinier than the old!

That's actually a "problem" when restoring old keys, believe it or not. But, it's a small price to pay to get the bug working again. It IS vitally important that you be able to adjust every threaded adjustment. The settings are EXTREMELY important to making a bug sound like a keyer's perfect code.

Vy 73, AI2Q, Alex in Kennebunk, Maine

BTW: What model Vibroplex is it? You didn't say.

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of

> John Farler

> Sent: Thursday, May 27, 1999 10:46 PM
> To: Low Power Amateur Radio Discussion
> Subject: Help- Bug problem
>
>
> Not entirely qrp-l but where else can you find an answer to these types of
> problems?
> I bought a bug (semi-automatic key) at Dayton that looked to be in
> excellent condition. When I tried to use it, I found that the Dit contact
> adjusting screw would not adjust; it would not turn very far. I think
> someone jammed it by having the lock nut that holds it in place tightened
> down when they tried to adjust it, or other wise abused the
> threads, perhaps
> by using pliers in the same situation, although this isn't evident.
> Just wonder if there is a fix, or a "help" to improve the situation. It
> isn't aparent, since the screw is through the post, and can't be
> removed due
> to its partially cross threaded situation. But you never know on this
> list....thanks.
>
> 72, John Farler, K4AVX
> Hazard, Ky.
> jfarler@mis.net
>
>

Date: Fri, 28 May 1999 09:25:47 -0400
From: David Hinerman <wd8civ@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [41547] Re: Today's Solar Activity
Message-ID: <3.0.6.32.19990528092547.0079a890@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:19 PM 5/27/99 -0600, you wrote:

>Today's solar activity, while not really spectacular, does contain some
>new "buzz words" and concepts not presented before. Therefore, this is
>a good one to turn into a tutorial for those so interested.

Paul,

An excellent presentation! Thank you. I'll give that an A.

>DISCLAIMERS:

>Periodically I'm supposed to remind you that these solar interpretations

>are not always reviewed by the observatory staff, and thus are not
>endorsed by the NRAO, nor am I officially representing the observatory.
>There may be other restrictions that vary from state to state; offer void
>in California, Texas and Arkansas; do not invest or send money until you
>read the prospectus carefully; void where prohibited.

... and don't bother consulting with your tax advisor before investing.
This is a hobby, remember?

Thanks again, Paul. I need to get me a 10M radio now.

Dave

Dave Hinerman - WD8CIV

Date: Fri, 28 May 1999 09:59:04 -0400
From: John Farler <jfarler@mis.net>
To: QRP-L <qrp-l@lehigh.EDU>
Cc: "Alex Mendelsohn <ai2q@ispchannel.com>; ; jwodel@ameritech.net"
<w6toy@erols.com>
Subject: [41548] Re: Help- Bug problem
Message-ID: <374EA128.13D6@mis.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Alex,

I should have given more information. The bug is a Speed-X from E.F. Johnson. It was the last model they made, I believe. Was attractive because I didn't have any thing but Vibroplexes and because of its apparent condition. It's a fifties model. I assume replacement parts are out. Guess I need a good machinist for a new post and contact screw. Thanks for the suggestions from you, Bruce, and Jerry.

72,
John Farler
K4AVX

Alex Mendelsohn wrote:

>
> Hi John:
>
> As a collector of keys I can sympathize with you! Nothin' worse than finding
> a nice key--or any piece of gear for that matter--that someone's screwed up
> (pun intended).
>
> In any case, Vibroplex sells replacement parts for its keys, and most of the
> components have remained virtually unchanged over the years. If you can't
> get the thread out, why not simply replace the entire post, along with the
> threaded component. For a modest few bucks you'll be all set as new. The
> only downside might be that the new parts will be shinier than the old!
>
> That's actually a "problem" when restoring old keys, believe it or not. But,
> it's a small price to pay to get the bug working again. It IS vitally
> important that you be able to adjust every threaded adjustment. The settings
> are EXTREMELY important to making a bug sound like a keyer's perfect code.
>
> Vy 73, AI2Q, Alex in Kennebunk, Maine
>
> BTW: What model Vibroplex is it? You didn't say.
>
> > -----Original Message-----
> > From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> > John Farler
> > Sent: Thursday, May 27, 1999 10:46 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Help- Bug problem
> >
> >
> > Not entirely qrp-1 but where else can you find an answer to these types of
> > problems?
> > I bought a bug (semi-automatic key) at Dayton that looked to be in
> > excellent condition. When I tried to use it, I found that the Dit contact
> > adjusting screw would not adjust; it would not turn very far. I think
> > someone jammed it by having the lock nut that holds it in place tightened
> > down when they tried to adjust it, or other wise abused the
> > threads, perhaps
> > by using pliers in the same situation, although this isn't evident.
> > Just wonder if there is a fix, or a "help" to improve the situation. It
> > isn't aparent, since the screw is through the post, and can't be
> > removed due
> > to its partially cross threaded situation. But you never know on this
> > list....thanks.
> >
> > 72, John Farler, K4AVX

> > Hazard, Ky.
> > jfarler@mis.net
> >
> >

Date: Fri, 28 May 1999 10:06:25 +0000
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [41549] Re: Help- Bug problem
Message-ID: <374E5C91.D94247A7@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here is a tip for those stuck parts that don't come out easily.

Before you do something drastic and cause more damage, take the key (or other item) to your local, friendly gunsmith. Gunsmiths deal with odd sized screws that are often stuck all of the time. They will have dozens of screwdrivers of different sizes and shapes. If they don't have a tool that fits *exactly* they do not hesitate to make one. Scratching a customers gun is a MAJOR sin in the gun world. :-)(

Replacing a screw won't make that much difference in the value of the key, but replacing a major part does change the collector value.

In any case, HAVE FUN!

michael N6CHV

ai2q@ispchannel.com wrote:

>
> Hi John:
>
> As a collector of keys I can sympathize with you! Nothin' worse than finding
> a nice key--or any piece of gear for that matter--that someone's screwed up
> (pun intended).
>
> In any case, Vibroplex sells replacement parts for its keys, and most of the
> components have remained virtually unchanged over the years. If you can't
> get the thread out, why not simply replace the entire post, along with the
> threaded component.

> > I bought a bug (semi-automatic key) at Dayton that looked to be in
> > excellent condition. When I tried to use it, I found that the Dit contact

> > adjusting screw would not adjust; it would not turn very far. I think
> > someone jammed it by having the lock nut that holds it in place tightened
> > down when they tried to adjust it, or other wise abused the
> > threads, perhaps
> > by using pliers in the same situation, although this isn't evident.

Date: Fri, 28 May 1999 08:20:05 -0600
From: bcutter@teal.csn.net (Bob Cutter)
To: kedwards@mindspring.com
Cc: qrp-1@LEHIGH.EDU
Subject: [41550] Re: Keys
Message-ID: <199905281420.IAA25358@mailrelay.sni.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Paddlette, SST, AA battery pack and ZM1 make up my backpack rig.

72, Bob KI0G

Date: Fri, 28 May 1999 09:19:42 -0600
From: "David Bixler" <DBIXLER@hs.seneca.k12.mo.us>
To: qrp-1@lehigh.edu
Subject: [41551] European QRP'ers Please Listen for Me
Message-ID: <1687F605527@hs.seneca.k12.mo.us>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hello gang:

Sunday I will be leaving for 12 days in Europe with visits to Italy, France and England. I have operating licenses/permits for France and England and if the Italian PTT has done their job, the Italy license is waiting for me in Rome.

I will be operating both 2 meters FM and 40 CW on this trip. If any European QRP'ers hear my 1 watt signal, please try for a QSO. I will be looking around 7030 for QRP'ers and around 7010 for other QSO's. Rig is a Norcal 40A to either a homebrew window mounted whip or a 33 foot wire dropped out the hotel window.

72

David Bixler I/WOCH F/WOCH M/WOCH
Seneca, MO

Date: Fri, 28 May 1999 09:48:30 -0500
From: The Boices <boice@bigfoot.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [41552] Re: PCB Drill Press
Message-ID: <3.0.6.32.19990528094830.00938b20@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 23:58 99/05/27 -0700, Radman wrote:

>RE: PCB drilling, I like the standard Dremel tool with the
>Dremel Drill Press (#212). The drill press (stand) is
>available thru various mail-order and web retailers for
>about \$40.

As well as Wal-Mart and Sears.

No connection, etc.

72,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576 ARCI # 9270 ARS # 188

Date: Fri, 28 May 1999 14:51:38 GMT
From: frussle@erols.com (Jake Brodsky)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [41553] Re: TS-50 on CW
Message-ID: <3752a8be.4302551@smtp.erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Thu, 27 May 1999 22:54:41 GMT, you wrote:

>I have a TS-50s, and in reviewing the manual I find that the CW receive =
pitch
>is 800 Hz. Transmit sidetone is unknown.

I believe the sidetone is meant to match the pitch.

>I'm a bit confused as to how the receive pitch adjustment works. Isn't =
that
>just changing the display frequency a bit?

Pretty much. It changes the sidetone and the transmit frequency. The
purpose is so that you can set the pitch to a comfortable frequency.
I wish it were more adjustable, but it's not.

>Also, in re-reading *The Complete DX'er* he places a lot of emphasis on
>zero-beating or "netting". I recall my old TS-430s and switching off =
the VOX
>but still getting a sidetone to zero-beat with. Is there a zero-beat =
method
>on the TS-50s?

Nope. If you have a reasonably good sense of pitch, it's not hard to
get within 50 Hz of a station. If anyone is using filters narrower
than that for casual traffic, I'd be very surprised. =20

>While I love the TS-50s and the AT-50, I could be talked into a trade =
for a
>larger rig (like the TS-430 or TS-440AT, or similar second-generation
>Alin-Yae-com-wood), as long as I preserve the General Coverage receiver,
>All-Mode (including FM), and have some filters (mine has a 500Hz CW =
filter in
>it). Built in keyer would be nice, too, as this is a feature I wish =
were on
>the TS-50s. Anybody with post-Dayton buyers regret that wants to =
discuss a
>trade?

I like mine for what it is. You have to remember, this rig was really
designed to be mobile. Small size and functionality was the key to
it's success; performance, though important, was secondary. Even the
CW filter is not really all that good. I've heard better in a TS-440.

That's why folks like me purchased this radio when it was new. It was
the smallest thing on the market and was intended for mobile use. At
the time I bought mine, I was living in one of those suburban CC&R
nightmares. So instead of fighting the battle at home, I chose to go
mobile. At portable or fixed stations, the TS-50 is still pretty
good, though it's not hard to find radios at the same price with

similar features and better performance. =20

Jake Brodsky, <mailto:frussle@erols.com>

"Nearly fifty percent of all graduates came from=20
the bottom half of the class."

Date: Fri, 28 May 1999 10:28:20 -0500

From: The Boices <boice@bigfoot.com>

To: ku7y@dri.edu

Cc: qrp-1@Lehigh.EDU

Subject: [41554] Re: WPX

Message-ID: <3.0.6.32.19990528102820.00936630@mailbox.arn.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 11:12 99/05/24 -0700, Ron wrote:

>Don't forget that this weekend is the CQ WPX CW contest.

Ah.....now I see why you're mentioning the contest - you hold the
CW Single Op All Band record! Looking for competition, eh? ;-)

72,

Mike Boice, KW1ND

Canyon TX

QRP-L # 576 ARCI # 9270 ARS # 188

Date: Fri, 28 May 1999 10:40:32 -0500

From: Dave Sjolín <sjolin@swbell.net>

To: mikemo@ibm.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [41555] Re: Band plan?

Message-ID: <374EB8F0.4DF7865@swbell.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Michael Maiorana wrote:

>

> It seems that I made a radio "faux pas" yesterday. Enjoying the solar flux

> levels, I called CQ on 15 meters SSB, around 21.295. A gentleman from Maine came
> back and we had a nice rag chew. About half way through, a foreign station (he
> did not ID) informed us politely that we were conversing in a "DX Window". We
> promptly moved.

>

> The question, is there an accepted "universal" band plan? I understand that they
> are not the LAW and I had every right within the LAW to stay where I was, but
> that they are "agreements" to make operating easier for everyone. Is there a web
> resource with the band plan information, or do I have to buy a book?

Mike, I wouldn't worry about operating there unless the frequency was in
use or there was a major dxpedition underway.

In almost 40 years of dxing, I have never heard 21295 referred to as a
dx window (like the dx windows on 160, 75, or 6 meters). However, 21295
is one of those frequencies that are often referred to as "the usual
frequencies." That is, 21295 is one of the common frequencies used by
dxpeditions or rare dx. Other such frequencies are:

SSB: 14195 28495

CW: 3505 7005 14025 21025 28025

It probably is best to avoid operating there if someone that you have
propagation to is likely to be hearing the dxpedition on that frequency.
When unsure, usually a quick call will let you know if the frequency is
in use. :-)

Another frequency to avoid is 14230-14233. Those SSTV people are real
territorial. Even if the frequency is not in use, if you happen to
transmit there, they will qrm you. If the split operation from a
dxpedition qrms them, they will go down to 14195 and do their best to
jam that frequency. Dont give them an excuse.

73 de Dave, N0IT

Date: Fri, 28 May 1999 10:38:15 -0500

From: Jim Ek <JIM-EK@worldnet.att.net>

To: "'Low Power Amateur Radio'" <qrp-1@Lehigh.EDU>

Subject: [41556] Statistics

Message-ID: <01BEA8F7.B9C904E0@212.chicago-07.il.dial-access.att.net>

Last night when I was studying for Novice License a question came to mind. I
don't know where to find the answer.

Approximately how many licensed Hams are there? Approximately how many in each
license class?

Curiosity killed that cat and also does wonders for procrastination as well!

Jim

Date: Fri, 28 May 1999 09:54:41 -0500
From: Tim Pettibone <tpettibo@NMSU.Edu>
To: qrp-l@lehigh.edu
Subject: [41557] Norcal/DX/K2/Alaska
Message-ID: <3.0.6.32.19990528095441.007b7410@cnmailsvr.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang:

Sorry for the bandwidth but had to add my accolades for Norcal's handling of stuff. I too have missed an issue, had parts missing, etc. Everytime it's been fixed probably at personal/financial sacrifice on the other end. Enuf said.

Next, night before last I was playing with the NC20 (still fighting a slight whoop) and worked some fun DX: Finland, Turkey, France and the Virgin Islands. F5IN, Mike, has had tremendous signals into the southwest the past several nights. Europe has always been difficult from this end of the country. Always amazes me what QRP and my zepp up 18 feet can do.

My K2 construction is back on track after some help from Elecraft. Two ICs were blown, probably due to static discharge even though I "usually" wear a grounded wrist strip during static season. Hope to get a bunch done this weekend. Told the YF (a more politically correct term than XYL) to push food under the door and to refrain from her usual list of honey dos. It's going to be a fun rig when done. I don't plan on working WPX but I say that every year. Might just try to sneak in a few Qs.

Lastly, I was sorting and measuring resistors last night and had the NC20 tuned to about 14.027. The head set was on the floor. All of a sudden I heard some really strong signals. This was about midnight local time. Heard KL7HF sign with a VE7. Gave KL7HF a call and he came right back. Del was a neighbor of mine when I lived in Alaska. He lived about 3 blocks away. Although mostly a QRO kind of a guy, he's at least sympathetic to QRP and has tried it now and then himself. When I built my first OHR rig, he borrowed it and ran a bunch of DX using his tri-bander at 75'. At any rate we had a wonderful qso of about 30 minutes and caught up on old times and friends. Fun!

Tim K5OI
Las Cruces, NM (the land of enchantment)

Date: Fri, 28 May 1999 10:54:26 -0500
From: mike1@urbancom.net (Dinelli, Michael)
To: <JIM-EK@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [41558] RE: Statistics
Message-ID: <000201bea922\$5cd68f20\$9fced6d8@mike1.urbancom.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

<http://www.speroni.com/FCC/Licenses.html>

Month	Extra	Advanced	General	Tech+	Tech	Novice	ARS	Total	Alien	Permits
Apr-99	74,981	103,714	111,100	134,587	195,451	55,696	675,529	836		
Mar-99	74,855	103,636	111,162	134,598	194,223	56,245	674,719	958		
Feb-99	74,689	103,532	111,176	134,348	192,958	56,700	673,403	1,190		
Jan-99	74,622	103,436	111,259	134,421	192,087	57,008	672,833	1,222		

73 de Mike, N9BOR
FISTS NR 4594
<http://www.qsl.net/n9bor>

di dah dit - The only roger beep you'll ever need.
My designated driver is a 12BY7A.
Solid State leaves me cold.

> Approximately how many licensed Hams are there? Approximately
> how many in each license class?

Date: Fri, 28 May 1999 09:07:49 -0700 (PDT)
From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41559] Re: ARRL Wire Classics

Message-ID: <Pine.SOL.3.96.990528090345.2665G-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Eagad,

Here I am, defending the ARRL again!

I like the idea of them putting a collection of good articles in book form.

Look at the BIG demand for another printing of Reflections by Maxwell. That is basicly a reprint of his articles that were in QST.

I'd be mad if they forced me to buy things but I'd be mad if they didn't have good books to sell!

While I'm mad at them for some other things, I think their book operation is one of their better projects!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Fri, 28 May 1999 10:16:44 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: Brian Buydens <buydens@duke.usask.ca>
Subject: [41560] Desert Ratt
Message-ID: <Pine.OSF.4.05.9905281009580.20651-100000@duke.usask.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A short while ago, I asked a series of questions about the Desert Ratt. Paul Harden was very kind and generous and provided me with a detailed explanation of how the little critter worked. I have taken this explanation, along with the diagram and created an interactive image map so students can click on various parts of the diagram to see what the components do.

Please let me know what you think. Also, let me know if there are any mistakes.

Brian.

```
+-----+
| Brian Buydens,           Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca      http://duke.usask.ca/~buydens |
| VE5RDV                                |
+-----+
```

Date: Fri, 28 May 1999 12:35:05 EDT
From: WB9MII@aol.com
To: qrp-l@lehigh.edu
Subject: [41561] Short 40 meter antenna up and working
Message-ID: <69f14f13.24801fb9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello,
I want to say thanks for all the shortened 40 meter antenna ideas you folks kindly passed on to me over the past couple of days. Will be trying different ones. Kinda stumbled on one which might be of interest. I made up kinda an end fed Zepp...35 or so feet of wire..end fed with some ladder line I had and ran to a Johnson Matchbox. With my MFJ9040 it works like a champ. Looks wierd...but works like a champ. Thanks 72/73
Greg WB9MII
QRP ARCI 9719

Date: Fri, 28 May 1999 09:46:58 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41562] Re: Band plan?
Message-ID: <374EC882.1235DF92@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dave Sjolín wrote:

> Another frequency to avoid is 14230-14233. Those SSTV people are real
> territorial. Even if the frequency is not in use, if you happen to
> transmit there, they will qrm you. If the split operation from a
> dxpedition qrms them, they will go down to 14195 and do their best to
> jam that frequency. Don't give them an excuse.

Don't give them an excuse?

According to the band plan, 14.150 to 14.350 may be used for
voice, CW and Image.

Although I agree with you 100%, given the FCC's stepped up
enforcement policy, and having had 3 direct phone
conversations with Riley Hollingsworth concerning this very
subject, I can assure you that jamming the jammers is not,
and will not be tolerated. If the SSTV people, or any other
"group", in fact feel that they can jam the jammers with
impunity, they will have a rude awakening.

If anyone doesn't believe me, I encourage them to pay
attention to the enforcement procedures now going on in the
Southern CA area. 4 people have had their certificates set
aside, and 3 have been required to re-test. The three did
not show up for the re-test, and had their certificates
summarily pulled.

For jamming.

72,

Norm/KQ6SD

Date: Fri, 28 May 1999 10:01:09 -0700 (PDT)
From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41563] Re: Have you had a problem with NorCal, Read this.
Message-ID: <Pine.SOL.3.96.990528094724.3413A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

There really are people out there who are very demanding.
Most seem to be those who really don't do much in the way
of helping out!

There are many people who have given up trying to do things
for QRP/QRPers because of people that demand way too much.

But we are all very lucky to have people that do have thick
skin that can take the negative and keep on helping us all.

Doug and Jim are way up at the top in this group!

I don't think there is much of a chance that the real "doers"
like Doug and Jim are going to let a handfull of "bad vibes"
stop their work.

I was very pleased to see the support offered on QRP-L.

Those "Thanks You's" that you send are the best way to
keep people working for QRP!

There is just something almost magic about those two little
words that make all the hours of work well worth it!

So to Doug, Jim and all the other hard working people
out there, Thank You!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 27 May 1999 11:21:24 -0600
From: Roy <marion@montana.com>
To: qrp-L@LEHIGH.EDU
Subject: [41564] Winter 98 QRPp
Message-ID: <199905281727.LAA26482@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

 If you did not recieve your Winter 98 QRPp, please send me your
address.

I will send the extra copy I received. (no charge) This is for those who

paid but did not receive it. If no one responds today, it will be sent to Mark Sailer. 72\73 Roy, AB7CE, Montana

Date: Fri, 28 May 1999 10:34:45 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [41565] Problems with NorCal
Message-ID: <01bea930\$60d44140\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys, the purpose of the posting yesterday was to point out that there are some who have problems with NorCal, but we have to have some information to solve them.

First, we must know about the problem. We can't correct it if you don't tell us.

Second, we need time to get it done. Email is instant, problem solving isn't.

Third, we are human, we do make mistakes, far too many for Jim and I. We both hate it when we screw up.

The posting was not a solicitation of attaboy support messages, although it was very nice to receive all the support. I thought that you might be interested in the problem messages that my posting did generate.

First of all, the two "examples" are well on the way to being resolved.

One guy had sent me a check for \$40 last fall for back issues. He sent me a snail mail inquiry about it in April. I replied via email on April 26th to the email address in his snail mail asking which issues he had ordered, that I would send them as soon as he told me, and I also asked if the check had ever cleared, because I had no record of it. I never got a reply until yesterday. He never got my email. His back issues will go out today, he will send me another check today. Problem solved.

6 guys emailed that they had not received QRPP, Winter 98. I am checking the database at home this evening. One of the six I can tell already that I never received the information and he is sending the address.

3 of the "moved" guys sent their correct address. They were red faced. It doesn't matter, what does matter is that they get their QRPP. Those will go

out today.

Another guy sent me the address of one of the moved guys, he also mentioned that he has not received his QRPP, I checked last night, and he shows subscription expired. I emailed him this morning and he is going to get back to me to see if he has sent a check and we have lost the information.

2 guys wanted to subscribe. I sent them information.

2 guys inquired as to the cap kit status. Guys, the information on the cap kits said that they would ship around the 1st of June. We hope to get the first 200 finished this weekend, and I will get them to Jim who will mail them out. We have over 300 orders, but received bad news from Mouser yesterday. 3 values of caps are back ordered until late July. So, some of you will have to wait until August for your cap kits. It cannot be avoided. We will notify those who do not get on the first list of 200 and have to wait.

John Burnley sent a message reminding me to send him some Elmer 101 issues and log books for the Hamfest he is doing. Thanks John.

So, we did some good here guys. Remember, let us know if you have a problem, be polite, and have patience. We have lots of things to do, and sometimes it takes time.

The best news of the day was that Paul Maciel is coming over to help with the cap kits. So now I have 2 helpers. We will get some major work done.

I also received over 50 messages of support. I appreciate each and every one of them. Thank you. NorCal is not perfect, and Doug Hendricks is far from it, but I want to do the best job that I can. I make mistakes, but believe me, I will do the best that I can to correct them if you will let me know.

Jim and I have a dream. Some day, we want to do a kit, and have no missing parts, everyone gets their kit with no delays. Or, we want to mail out an issue of QRPP, and everyone gets theirs who is supposed to. Some day, some day.

Hey you guys have a great weekend huh!! 72, Doug

Date: Fri, 28 May 1999 11:30:05 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-l'" <qrp-l@lehigh.edu>
Subject: [41566] WPX Rules

Message-ID: <01BEA8FD.717A8640.bmug@gwl.com>

I was looking at the WPX rules. I was planing on operating under 1(c) QRP/p but was looking at 1(e) Tribander/Single Element (TS). Does this mean I can't use my tribander and still be under QRP/p?

de KI00T, Brad

Date: Fri, 28 May 1999 10:40:22 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [41567] 6 More Returned QRPP's by Post Office
Message-ID: <01bea931\$296180a0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yesterday when I got home and went through the mail, I found 6 more returned QRPP's. Guys, here is the list. If your name is on it, please advise me of your new address.

Mike Parkes
Michael Powney
Chris Porter
James Griffin
Rusty Richards
Garry Peterson

Here is yesterday's list in case you missed it.
Dan Lakenmacher - Sent address by friend
Morton James
Andrew Comas
Richard Vizcarra - Sent address
Charles Klawitter
Don Dorn - Sent address
Robert Scott
Francis Hugnet
John Smith (this is the one who used to live in Worcester MA on Fairfax Rd.
Goran Hosinsky
Alan Miller

I am not doing this to embarrass anyone, I am just trying to get people the issues that they have coming. 72, Doug

Date: Fri, 28 May 1999 12:55:01 -0500
From: "Ed Manuel (N5EM)" <n5em@flash.net>
To: buydens@duke.usask.ca
Cc: qrp-1@lehigh.edu
Subject: [41568] Re: Desert Ratt
Message-ID: <4.1.19990528125336.009ad570@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Now that is really cool. You get an "A" for effort, an "A" for service to the QRP community and another "A" for creativity.

This is what the web is all about!

Ed, N5EM

At 10:16 AM 5/28/99 -0600, you wrote:
>A short while ago, I asked a series of questions about the Desert Ratt.
>Paul Harden was very kind and generous and provided me with a detailed
>explanation of how the little critter worked. I have taken this
>explanation, along with the diagram and created an interactive image map
>so students can click on various parts of the diagram to see what the
>components do.
>
>Please let me know what you think. Also, let me know if there are any
>mistakes.
>
>Brian.

Date: Fri, 28 May 1999 11:32:48 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41569] Thanks info on the FT-7, Norcal is FB
Message-ID: <374ED340.7EDC@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang!

Thanks for all the info on the FT-7. Looks like the consensus is that its a good ssb rig and not too hot for cw, as its lacking good filtering. Going to get it anyway and play with it. Heck, it cant be any broader than my 706 on cw!

Im a content Zombie #205 and appreciate all the work Doug, Paul and others have done to promote QRP. We are in this for the fun of it right? Doug, I say THANKS for all your unselfish, unpaid work.

72, Tom WB5QYT..." Have spud will travel!"

Date: Fri, 28 May 1999 11:29:24 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [41570] HamCom 2 Weeks from TODAY!!!
Message-ID: <01bea938\$0354bba0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Guys, the excitement is building. Hamcom is 2 weeks away. I can hardly wait, the signup list is over 80, some of the greatest QRPers in the world will be there, and it is your chance to have some fun!! We have tons of prizes donated, a Regen building contest, Great QRP Forums, No Host Texas Barbecue dinner Friday night (that means that everyone pays his own check, unless you have one of those Sugar Mommas, then she will pick up the check, I've always heard about those, but never seen one.), QRP Open House at the Marriott Courtyard Hotel, Room B from 7 to midnight Saturday night, K2 demo Saturday afternoon by the Famous Jay Bromley, W5JAY (how many other guys do you know that have their name in their call, this guy is FAMOUS guys), and Vern Wright, W6MMA will have his W6MMA 10 - 40 Meter St. Louis Vertical there, Free laminated name badges to the preregistered attendees (send me email to preregister), QRP booths by NorTex, NorCal and G-QRP. Plus, Saturday evening we hope to be able to squeeze in a vistit to Popideux's for some deep fried crawdad. QRP kit vendors will be there including Dave Fifield from Red Hot Radio, Jay Bromley will have Ft. Smith QRP Group Marker Generator kits, Jerry Parker will have NorCal t-shirts, Tony Fishpool, Graham Firth and George Dobbs will have G-QRP Club items and kits.

Did I mention the Forums? George Dobbs is going to start off and talk about home construction. George is the most famous QRPer in the world in my opinion, and is one of my heroes. I have watched him build, and he is a

master. He has written hundreds of articles, and will share his expertise with all of us. He always draws standing room only crowds. DON'T be late for his presentation.

I don't know what I did to Joe Spencer, but it always seems that I get to follow George when we are on the same speaker list. I will talk about which CW QRP Transceiver kits to buy and why. I will make specific recommendations and give reasons for my decisions.

Then Chuck Adams, K5F0, will have a really fun event. He is going to have another CW copying contest and provide certificates for those of us who qualify. I think he is going to start at 15 WPM and go in 5 WPM increments. He has it all on a CD, so it will be a piece of cake for Chuck that is. Gonna be some serious code guys there though as Jay Bromley, Clif Sikes, Dub Thornton will be there.

Finally, Paul Harden, NA5N, will talk about Regens, and explain the electronics in how they work! Paul is one of the greatest teachers that I have ever heard speak. You will learn more about regens than you thought possible.

Then we break for lunch, and afterwards, Jay Bromley and Vern Wright will set up the K2 and do the demo. They'll even let you test drive it.

Ok, here is a list of the pre-registered guys as I have it to date:

1. Doc Drake - W5TB
2. Joe Spencer - KK5NA
3. Barbra Spencer - KK5QA
4. Doug Hendricks - KI6DS/M BIV
5. Jim Cates - WA5GER
6. Graham Firth - G3MFJ/W3MFJ
7. Tony Fishpool - G4WIF/K4WIF
8. George Dobbs - G3RJV
9. Ed Manuel - N5EM
10. Stuart Rohre -K5KVH
11. Larry Wise - KA5T
12. Jay Bromley - W5JAY
13. Chuck Adams - K5F0
14. Royce Rainwater - KE5TC
15. Paul Harden - NA5N
16. Jerry Parker - WA6OWR
17. George Pierce - WA5ABS
18. Glen Reid - K5FX/M BGF
19. Dub Thornton - WA5YFY
20. Clif Sikes - AB5UA
21. Dick Stemson - KK5X0
22. Vic Turner - WA6EIW
23. John Carter - W5LGO

24. Vernon Hatley - KK5RO
25. Burl Keeton - N5DUQ
26. Bob Hynd - N5URL
27. Jim Kortge - K8IQY
28. Jim Duffy - KK6MC
29. Kelsey Mikel - KK5KU
30. Vern Wright - W6MMA
31. Larry Brandon - K1ZW
32. Steve Lowrey - K5ATY
33. Keith Newman - K5YCM
34. Jonathan Setcer - KC5BRY
35. Larry Brandon - K1ZW
36. George Lee - KR5C
37. John Langridge - KB5NJD
38. Dan Copeland - N DT
39. Wes Spence - AC5K
40. Steve Yates - AA5TB
41. Ron Hambric - N5SBN
42. Alex Kaplinsky - K5UNY
43. Tom Stibal - W TJ
44. Bill Steitenroth - K5ZTY
45. Paul Smith - KD5DBO
46. Henry Schneider - W5HNS
47. Phil Salas - AD5X
48. Richard Kapalczynski - N5JI
49. Bob Helms - AF5Z
50. Dave Little - AF5U
51. Bill Pierrard - K5JHP
52. Bart Lawson - N5WL
53. Dave Martin - K5YFO
54. John Sanders - AB5ZR
55. Terry Myers - KQ5U
56. Veda Henson - KF6JHC
57. Norm Melick - KQ6SD
58. Robert Lucas, WD5IBX
59. Dave Fifield, AD6Y
60. Mike Gipe, K1MG
61. Tim Pettibone - K5OI
62. Scott Weathersby - AA5BK
63. Ted Kell - KC5CUW
64. Gary Hanson - KJ5VW
65. Ed Geiger - KD4AB
66. Justin McAllister - K5AEA
67. Brad Bradfield - W5CGH
68. David Kreinberg - NR3E
69. Oscar Hoyt - K5UBS
70. Charlie Crouchet - WA5KRF
71. John Moore - KK5NU

72. Junius Fox - W5HIR
73. Bobette Doerrie - N5IS
74. Jerome Doerrie - K5IS
75. Lee Bahr - W VT
76. Paul Conant - WQ5X
77. Todd Foster - KD5FUF
78. Gody Siason - AC6UV
79. Karl Kanaltz - W8TIF
80. David Conant - KD5CPT
81. Roy Throne - KB5STV
82. Dave Redfern - N4ELM
83. Dennis Cobb - WA8ZBT
84. Alex Kaplinsky - K5UNY
85. Alison Brandon - KC5VJC
86. Jim Stafford - W4QO
87. Marilyn Stafford - K4ZOL
88. Martin Jue - K5FLU
89. Richard Stubbs - KC5NSZ
90. Steve Pan - KF5C

And, here is a list of the prizes and donors:

- *NorCal 20 kit - NorCal
- *NorCal 20 Anodized Case - San Luis Machine
- * Prize to be awarded to drawing from preregistered attendees
- Digital Small Wonders Labs kit - ARCI
 - plus special anodized case from Doug Hauff at San Luis Machine
- Red Hot Radio 20 or 40 kit - Red Hot Radio
- W6MMA SLV 40 meter antenna kit - Vern Wright, W6MMA
- 3 copies of the Handbook for QRPers and Homebrewers, Paul Harden, NA5N
- 2 NJ Fireball Kits (two fully-loaded Fireball 40 QRPp transceiver kits (includes 1.5W amp and TiCK keyer options). - NJ QRP Club
- 2 Atlanticon T-Shirts with Fireball Schematic on back - NJ QRP Club
- 3 copies of 1998 QRPp Back Issues - NorCal
- 3 NorCal Log Books - NorCal
- 3 Elmer 101 Issues of QRPp - NA5N
- 1 NorCal T-Shirt - Jerry Parker, WA6OWR
- 1 NorCal Zombie T-Shirt - Jerry Parker, WA6OWR
- 1 NorCal Resistor Kit - NorCal
- 1 NorCal Capacitor Kit - NorCal
- 1 Tuna Tin 2 kit - NorTex
- 1 Digital Counter/Clock kit from Blue Sky Engineering
 - plus case from San Luis Machine
- 1 8100K Regen Receiver Kit from MFJ
- 6 Audio Amplifier kits from St. Louis QRP Club
- 3 VE3DNL Marker Generator kits from Ft. Smith QRP Group
- 2 Embedded Research kits from Gary Diana and Brad Mitchell of Embedded Research.

2 "Ask me about QRP" T-shirts from Barbara KK5QA
1 subscription to World Radio Magazine from Richard Fisher KI6SN
1 QRP ARCI Hat, 1 cup, 1 mousepad, pins from Hank Kohl K8DD QRP ARCI
1 "Joy of QRP" Donated by George Lee, KR5C

Whew, I'm out of breath. One last question. Who can give us an up to date weather report for Dallas? We gotta know. Also, if you live in baja Kansas (Oklahoma), the border guards have been instructed to let you in and don't worry about getting back home, they won't dare keep you!! See everyone in Dallas. 72, Doug, KI6DS

Date: Fri, 28 May 1999 11:40:23 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [41571] Bencher Mercury Paddles at Dayton???
Message-ID: <01bea939\$8bf56da0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Did anyone see if Bencher had the Mercury Paddle (Bencher Version) at Dayton? They were supposed to be there. Please post to the list if you know anything about them. I am interested in the quality as compared to the original, the price and the availability. 72, Doug, KI6DS

Date: Thu, 27 May 1999 13:32:46 -0500
From: "Charles Hamel" <cdhamel@pdq.net>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [41572] Re Desert Ratt
Message-ID: <005201bea86f\$52f0c6a0\$89e690d1@cdhamel>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Brian,

What an excellent idea, makes it very understandable for alot of us new builders, Why couldn't I think of that?? lol
kudo's Brian, maybe we could do this for alot of the current projects that

are going on, 2n240, or SWL40, etc.
If you guy's didn't see the first post check it out at
<http://duke.usask.ca/~buydens>
click under Interests, and Ham Radio!

later
Charles
KC5DXQ - Norcal Zombie - HQRP- QRP-L #1919
<http://www.angelfire.com/de/kc5dxq/index.html>

Date: Fri, 28 May 1999 13:51:29 -0500
From: Doc - W5TB <w5tb@softhome.net>
To: ki6ds@dpol.k12.ca.us, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [41573] Re: HamCom 2 Weeks from TODAY!!!
Message-ID: <3.0.3.32.19990528135129.00767658@pop.SoftHome.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:29 AM 5/28/99 -0700, Doug wrote:
>Guys, the excitement is building. Hamcom is 2 weeks away.
> Who can give us an up to date
>weather report for Dallas? We gotta know.

Thanks, Doug. Wow 90 QRPers! It's gonna be warm in Arlington for HAMCOM,
but the convention center is airconditioned and most of the flea market
(including the QRP booths from QRPARCI, NORTEX, NORCAL and G-QRP) is indoors.

We just received a BIG shipment of QRP toystore goodies, 60+ commercial
vendors will be there, and the flea market is huge -- bring your
checkbook! TIP: buy some old mismatched knobs and put 'em on that new rig
you buy at HAMCOM, then over a few weeks you can replace them with the
originals and show the OM or XYL just how nicely your new treasure cleaned
up :-)

For the last minute weather updates, point your browser at:

<http://www.usatoday.com/weather/basemaps/nw732590.htm>

It's not too late to come on along -- check <http://www.travelocity.com/> for
bargain airfares.

Rooms may still be availble at the HAMCOM rate

Does anyone need a room mate? If so, please post to the list.

See ya in 2 weeks!

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
fax 1-916-404-6051 NORCAL ZOMBIE ARRL Life Member
QRPARCI # 3252 QRP-L #673 FISTS # 5365

Date: Fri, 28 May 1999 12:56:32 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-l'" <qrp-l@lehigh.edu>
Subject: [41574] 2N2/40
Message-ID: <01BEA909.83778300.bmug@gwl.com>

I have some questions on the POT1, 3-5 are these linear or Audio also I'm having a problem finding T10 the Audio Transformer 1200 ohm CT :8 ohm CT

Thanks,

de KI00T, Brad

Date: Fri, 28 May 1999 14:56:32 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [41575] on the road
Message-ID: <3.0.5.32.19990528145632.007c3660@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

well I'll be on the road again, (gee sounds like a familiar song). So, you'd think I had enough of OH after Dayton, well Grandma hits the big 90 and figure getting back there isn't always easy so here we go. Yup, xyl, kid, both dogs, and the whole wod of family I some how got mixed up with long time back when. Oh, and yes the qrp part of this msg is that my bag of toys is going with me. Yes, they rank up there with the dogs so here's a tentative sched. I don't know for certain how any of these plans will go or the ant configuration. WEll I know I have a few options, but which one will work still remains to be seen. Should have gotten one of those handy telescoping masts. Ok, tonight I'll be in Frederick MD or I think they consider it more like Mount Airy. In any case Sat. we head out and I haven't anything for mobile

operation, but I'll be at the Rosco Motor Inn.

I hope that evening after lets say 01-00 or 02-00 Z to be on the air. I'll probably hang around 7.040. I'll probably slow my speed to 15 wpm instead of the more unsteady 18 wpm since I'm using paddles I'm not used too.

So, ok folks I'll probably do this again Sunday same freq, but probably later like 02:00 or 03:00.

btw, tonight after 01:00 I'll try setting up the station and trying things out. So, will still be around 7.040. I may even see what would happen on 80m, but couldn't say where I'll be cause I haven't used the 80m module on the Sierra yet.

So, well there ya go folks and hope to meet someone. I'll be logging with my little cassette recorder so hope to catch ya.

72 de Scott/n3byy

Date: Fri, 28 May 1999 14:01:16 -0500
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: ki6ds@dpol.k12.ca.us (Hendricks; Doug), "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [41576] Re:HamCom 2 Weeks from TODAY!!!
Message-ID: <0013DFBB.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part
Content-Transfer-Encoding: 7bit

Doug wrote:

Whew, I'm out of breath. One last question. Who can give us an up to date weather report for Dallas? We gotta know.

Doug and all,

I will volunteer the weather report duties. I'll begin posting on Wednesday, June 9 and update each day through Friday.

Hey, last year, we were actually a bit cooler than usual! Looking forward to seeing everyone in Dallas!

73 de Dave, NR3E

Date: Fri, 28 May 1999 14:02:18 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp-1@lehigh.edu
Subject: [41577] 2N22/40 Crystals
Message-ID: <3.0.3.32.19990528140218.0068d790@pop3.ticnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

The first batch of crystals went to AZ in the mail via priority.

Here is what I did. I went through 500 crystals. Put them in the Colpitts test oscillator and measured the resonant frequency in this circuit to 1 Hz. I had a bunch of Dixie 3oz bathroom cups maked on the side 000, 010, 020, ... , 250 for placing crystals into. If the resonant frequency was 4.023206 MHz then that crystal went into the 200 cup, etc.

Half the crystals did not meet the activity requirement and were rejected. The way this worked is that I used a 10x probe on the Heathkit counter and if the crystal was slow starting or didn't register on the counter it was rejected. Nothing but the best for this group.

So you wanna get a set of these 5 crystals from the offer made earlier in the week from AZ. I placed them (5) in a coin envelope and sealed them so that they would not get mixed up and remain a matched set. I did not take the time to write the frequency on the envelope as we all know this is a waste of time as the $f(r)$ will be dependent upon the final circuit.

I have another set of 500 crystals at 4.193MHz range that I will match when I get back from Lake Tahoe this weekend. These crystals have slightly shorter lead lengths, but should work just fine, and are the smaller HC-49/US form factor. So some time out and rest on order for this weekend..... Then back to the HamCom stuff and hopefully I can redo the Elmer200 series back on line....

dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo> CP-60

Date: Fri, 28 May 1999 13:09:48 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'w6toy@erols.com'" <w6toy@erols.com>
Cc: "'qrp-1'" <qrp-1@lehigh.edu>
Subject: [41578] RE: WPX Rules
Message-ID: <01BEA90B.5E2B8F40.bmug@gwl.com>

Bruce and the Group,

Under types of Competition under Single Operator it lists 7 different single operators who will compete against each other.

- a - normal
- b - low power Less than 100 watts
- c - QRP/p less than 5 watts
- d - assisted - DX spotting nets
- e - Tribander/Single Element (TS)
- f - Band Restricted (BR) for those who can not use all the bands (Novice, Tech, 4 Class)
- g - Rookie (R) for those licensed less than 3 years

It gives the impression that they are not interchangeable or combinable.

I found this at
<http://ourworld.compuserve.com/homepages/n8bjq/98wpxrules.htm>

de KI00T, Brad

-----Original Message-----
From: Bruce Muscolino [SMTP:w6toy@erols.com]
Sent: Friday, May 28, 1999 12:59 PM
To: bmug@gwl.com
Subject: Re: WPX Rules

Brad,

I don't know what TS is but you can use any antenna you want as long as your output power is 5 watts or less. It is a contest, there is little or no value is running less than the full 5 watts.

Date: Fri, 28 May 1999 14:31:50 -0500
From: The Boices <boice@bigfoot.com>
To: Ron Stark <ku7y@dri.edu>
Cc: qrp-l@Lehigh.EDU
Subject: [41579] Re: WPX
Message-ID: <3.0.6.32.19990528143150.00925c00@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ron KU7Y wrote:

>No, I don't hold the all band record! But I did take World and
>USA in the 40m Single band catagory!

Oops - I guess I read that page wrong (or typed it wrong). Either way,
congrats!

72,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576 ARCI # 9270 ARS # 188

Date: Fri, 28 May 1999 15:43:28 -0400
From: Laura Halliday <lha@sdr.utias.utoronto.ca>
To: qrp-l@lehigh.edu
Subject: [41580] Re: WOW, any freq xtal osc
Message-ID: <3.0.6.32.19990528154328.007adac0@madrox>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Many of the crystal manufacturers offer CMOS computer clock oscillators and will do custom ones for you. I ordered a handful of 62.666 MHz CMOS oscillators for an experimental project from Jan Crystals some time ago, and the onesies and twosies price wasn't that much different from buying an overtone crystal on the same frequency. If you bought 100, of course, they were much cheaper.

The frequency was for a 2.4 GHz satellite downconverter,

by the way. $62.666 * 36 = 2276$, $2400 - 2276 = 144$.

Laura Halliday VA3LDH "Que les nuages soient notre pied
Grid: FN03gs a terre..." - Hospital/Shafte

Date: Fri, 28 May 1999 15:58:34 -0400 (EDT)
From: David Snowdon <norway@interlog.com>
To: qrp-l@lehigh.edu
Subject: [41581] CA3058 vs CA3028 diff. amp.
Message-ID: <Pine.BSI.3.96r.990528155736.27550B-100000@shell1.interlog.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone know the difference between the CA3053 and the CA3028? Searching the WWW only brought up a mod for the Drake SPR4, saying that the CA3028 is a drop-in replacement. There must be some difference between the two parts, otherwise RCA wasted their time designing the CA3053 :-).

The reason I'm asking is that I bought a bunch of RF parts from Drake via their web page at 'HW.rldrake.com'. I've been able to find data on all of them except for this one part. Below is a partial list of what is available from Drake:

R7/A 3030095 TRANSISTOR 2N3866 28V 1W 400MHz \$0.75
 (NPN VHF/UHF Dr/Amp 28V 400mA 1Wout 0.1Win 5Wdis 55Vcbo T0-39)
TR5 3030130 TRANSISTOR 2N4427 12V 1W 175MHz \$1.00
 (NPN RF 175MHz 12V 0.4A 1.0Wo 0.1Win 10dB 20Vceo T0-39)
TR5 3030137 TRANSISTOR 2N5109 12V UHF amp \$1.00
 (NPN 15V .1Win 1.26Wout 3.5Wdis 11dB 35Vcbo 0.4A Ft1500MHz T0-39)
UV3 3030297 TRANS MRF515 \$2.00
 (RF: 470MHz 12.5V 0.75Wo 0.12Win 8dB 20Vceo 150mA(max) Ft1GHz T0-39)

UV3 3030500 TRANS J-309 N-channel FET \$0.50
 (25V, Id 12-30mA, VGS(off) 1-4V, 300MHz T0-92)
TR5 3030504 TRANSISTOR J-310 N-channel FET \$0.25
 (25V, Id 30-60mA, VGS(off) 2-6.5V, 300MHz T0-92)
C4 3030190 TRANS 2N5950/5949/MFP102 FET \$0.25
 (N-CH 200mW 25V -2.5Vgs 2000umhos 20mA 200MHz T0-92)

TR5 3030289 TRANSISTOR MPS6521 low-noise amp \$0.25
 (NPN 25Vceo 100mA 625mW low-level audio T0-92)
R7/A 3030369 TRANSISTOR TIP31 NPN AF PWR \$0.50
 (NPN 40V(A-60,B-80,C-100V) 3.0A B:10-50 Vbe:4.0V 40.0W T0-220)
TR5 3030379 TRANSISTOR TIP32 PNP AF PWR \$0.50

(PNP 40V(A-60,B-80,C-100V) 3.0A B:10-50 Vbe:4.0V 40.0W T0-220)

R7/A 3040550 I.C. TDA2002AH 8W 14V AF Power Amp (LM383) \$1.00
SPR4 3040070 I.C. CA3053 RF Amp (3 tran. diff. amp) \$0.75

Oops! The web address listed above should read 'http://www.rldrake.com' rather than 'HW.rldrake.com'. The 'HW' and 'H/' is my shorthand notation, since it gets tiresome writing down the same thing over and over.

norway@interlog.com David Snowdon (VA3DKS) Toronto, Ontario, CANADA

Date: 28 May 1999 15:47:15 -0400
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
To: adams@ticnet.com
Cc: qrp-l;;
Subject: [41582] Re: 2N22/40 Crystals [2N2/40/30]
Message-ID: <1999May28.154715-0400@[130.113.234.7]>

In <3.0.3.32.19990528140218.0068d790@pop3.ticnet.com>, Chuck Adams wrote:

>I have another set of 500 crystals at 4.193MHz range
>that I will match when I get back from Lake Tahoe
>this weekend. These crystals have slightly shorter
>lead lengths, but should work just fine, and are the
>smaller HC-49/US form factor.

Chuck & the 2N2/40 group,

There's an interesting possibility for a dual-band 2N2/40/30 rig with these xtals.

Just so happens that a VERY COMMON 14.318 MHz xtal will cover a lotta the 30M band with 4.193 as the I.F.

So you could use Jim's regular VF0 to cover 40 meters, and add a 14.318MHz VX0 to cover 30 meter. Of course, the front-end antenna filter should be tuned with a dual/ganged variable cap so it can be peaked at either 7 MHz or 10.1 MHz.

You'd be wise to use the super-VX0 arrangement with two parallel 14.318MHz xtals to get near the bottom of the band.

BTW: Those smaller HC-49/US crystals are reasonably

decent Q-wise.

Date: Fri, 28 May 1999 16:31:23 -0400
From: "Frank Matthews" <fmathews@pilot.infi.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [41583] Spring QRPp Issue
Message-ID: <00a101bea949\$0e57e2a0\$290961d1@fmathews>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has this issue hit the streets yet?

Frank

fmathews@pilot.infi.net

Date: Fri, 28 May 1999 16:33:42 EDT
From: "Jeffrey L. L. Greer" <wd4et@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [41584] Re: Problems with NorCal
Message-ID: <19990528.163748.4414.1.wd4et@juno.com>

I find it hard to believe that Doug, Jim, Paul, etc are only human as he mentioned in a recent post.

>From his listing of problems and solutions, he manages to do more in a day or two than I could do in a long month.

The service QRP groups and leaders provide to this community is unmatched in any of the many hobbies and activities in which I have been involved.

Doug for President in 2000!

Thanks es 72, Jeff

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>

or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 28 May 1999 16:49:34 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: norway@interlog.com
Cc: qrp-1@lehigh.edu
Subject: [41585] Re: CA3058 vs CA3028 diff. amp.
Message-ID: <199905282133.RAA08590@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

>
> Does anyone know the difference between the CA3053 and the
> CA3028? Searching the WWW only brought up a mod for the Drake

My old 70's vintage RCA Linear and CMOS book says the CA3053 is
similar to the CA3028 but should be used only for IF amplifier
applications. I take it from that, that the '53 is a lower grade
version of the '28.

I hope the subject line is wrong, 'cuz a CA3058 is a zero crossing
triac controler chip.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Fri, 28 May 1999 16:38:28 -0500
From: Jay Freeman <jayFreem@direcpc.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41586] WPX - Free Multiplier!
Message-ID: <374F0CD3.B2543F85@direcpc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings!

As a holder of one of only 26 possible WT9 calls, I cordially invite
each and every one of you to come on up to 15 meters and get your free
multiplier, while supplies last! And, for a limited time only, you will
also have the pleasure of working the famous C.M. Howes kit, operated by

someone who has only been using a bug for 2 weeks! What more could you ask for? Hours of operation are TBD, but I will probably work 3 or 4 hours tonight, a little on Saturday, and the last 3 or 4 hours of the contest, by which time I hope all the big guns are hungry for new multipliers. :). I plan to operate from 21.010 up to 21.070, with a few "rest" periods up in the novice sub-band. Please stop by and say "599" and I will say "599" to you too! (This offer void where propagation does not permit.)

72/3 es hope to cu on 15,

Jay

PS - Also planning to operate in the Hoot Owl Sprint, so don't forget 15m!

--

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*-----*
* Jay Freeman - WT9S                      ARRL *
* G-QRP 10319 QRP ARCI ??????             *
* SASS #18700                             NRA Life *
*-----*
```

Date: Fri, 28 May 1999 17:40:17 EDT
From: K2UD@aol.com
To: qrp-l@lehigh.edu
Subject: [41587] Re: being a ham and being human (long)
Message-ID: <364074ad.24806741@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Very well put, very excellent. I can add,

- 1.) Success has a thousand fathers, failure is an orphan.
- 2.) Repeat the following mantra: It's only a hobby, it's only a hobby, it's only a hobby.

Every now and then I like to get away from some of the communication devices that we use in work and hobby, in order to smell the roses, stick my toes in the grass or just stare at bees.

I believe 99% of hams who ordered the NC-20 showed great patience before their rigs arrived. I wonder what happened to them now?

Back to work.

72

Howard Kraus, K2UD

Date: Fri, 28 May 1999 18:21:22 -0400
From: Jim Lyons <lyons@canada.com>
To: qrp-l@lehigh.edu
Cc: qrp-canada@lists.gpfn.sk.ca
Subject: [41588] SB from Quebec
Message-ID: <3.0.5.32.19990528182122.0082b6d0@pop.hip.cam.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'll try to be on or around 14060 beaming west and south west as much as possible this weekend.

I'll try to adhere to the following GMT times.

Friday evening/Saturday morning	23:00 - 01:00
Saturday	12:00 - 14:00
Saturday	18:00 - 19:00
Sunday	11:00 - 12:00
Sunday	23:00 - 01:00

Don't hold me to being on every second of the above time, the grandchildren are going to be in town :-) But I'll do my best to be on or listening around those times.

Jim Lyons, VE2KN
Montreal

Date: Sat, 29 May 1999 07:50:24 +0900
From: "Toru Kato" <jg1rvn@inv.co.jp>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [41589] Let's try 14060 and 21060
Message-ID: <199905282250.HAA21401@inv.co.jp>

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

'Nice condition HF high band today!'

Now 15m and 20m are nice condition.
Please beaming to ASIA and look for QRP station
on 21060 or 14060.
Even only 100mw output, JA - W7 = 599 last night!

72 JG1RVN, Toru, Tokyo

End of QRP-L Digest 1471

